yiğitsan Grup

Building Chemicals Paint Insulation
Mining Ind. Internal and External
Trading Limited Company.

Product Directory 2

NEWKIM
Construction Chemicals

NEWOLINE
Corrugated Roof And Facade
Coatign Sheets

NEWRAN
Bituminous Waterproofing
Membranes

NEWboard
EPS Injection Systems

NEWSAN
Interior / Exterior Facade
Paints & Industry Group
Industries Products

Yigitsan Group, today proceeds its commercial activities, which started with the production of lime in 1985, with a wide range that can be used at any point in the construction industry.
Yigitsan Group offers a variety of construction chemicals under the **Newkim** brand, which it holds consisting mainly of heat insulation, adhesives and floor group; interior and exterior construction paints and industrial paints under **Newsan** brand; and finally waterproofing membranes under **Newran** brand, and we have been manufacturing our Roof and Facade Coating Materials under the brand **Newoline** and finally EPS injection systems (ceiling coatings, EPS midpoint for lamp, stropiyer corner coating) under our brand **Newboard**.

In our 3 production facilities, erected in Arnavutköy, İstanbul on an area 35.000 m², 10.000 m² of which is covered area, we perform a total annual production of 300,000 tons (12 million bags) construction chemicals, 40,000 tons of liquid/paint and 4 million m2 membranes. Being one of the rare producers, producing these three groups of different products under one roof, we are rightly proud.

In order both to expand our product range as well as to meet the needs of the industry, we continue our R & D activities. Thanks to our experience of over 30 years in the industry and our commercial experience, we exploit thedeveloping technology in the best way in our new product studies to cover the needs and expectations of the market. During our R & D activities, we benefit from the ideas of a wide range of the professionals to the masters who perform this job deservedly in various sales channels, through regular relationships and we produce all of our products in high quality standards. We strive hard to make each of our products with different characteristics and thus to meet consumer needs in the best way. The products of Yigitsan Group, certified by ISO 9001 Quality Management System, TSE and European Standards maintain the quality both at the time of the application as well as during production for many years.Not something that others did, we have done something new. this new thing is a roof and wall covering material.

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Mortar for Tile Ceramic Bonding

Product description
It is a cement-based, single-component powder mortar produced in compliance with TS EN 12004-1 (2017) C1 standards for bonding tiles and ceramics.

Areas of Use
— Interiors
— Horizontal and vertical surfaces,
— Small- and medium-size floor and wall ceramic bonding with water absorption rate over 3%,
— Maximum 33x33 cm coating materials.

Application Surfaces
Interior wall;
— Cement-based plaster,
Interior floor;
— Cement-based screed,
— Concrete flooring,
Outdoor Floors;
— Cement based screed,
— Concrete flooring,

Advantages
— Easy to apply.
— Economical.
— Does not sag in vertical applications.

Surface Preparation
— The surface must be clean, dry, smooth and firm, and plasters thinner than 3 mm. should be scraped and cleaned completely.
— In order to ensure moistness, porous surfaces should be wetted and waited until the water layer disappears.
— Important defects or holes should be repaired with Newkim Repair Mortar at least 24 hours before Newkim Tiles Ceramic
— Mortar application. Regional repairs below -7 mm. can be made by using Newkim Tiles Ceramic Mortar.

Preparation of Mortar
— 25 kg. of Newkim Decorative Plaster must be diluted in about 6-7 lt. of water and perfectly dissolved with the aid of a low-speed mixer or trowel.
— The mortar must sit 5-10 min. to mature and be used again by mixing.
— The resulting mixture should be consumed within 1-1.5 hours.

Application Detail
— The mortar should be applied to the surface and its thickness should be adjusted with a toothed steel trowel.
— The trowel tooth size should be determined according to the size of the ceramic to be laid as well as the smoothness of the application surface.
— For good adhesion, the air should be ejected by applying force with the help of rubber hammer.
— The adhesive mortar should touch at least 80% of the back side of the ceramic.
— Double-side bonding method should be selected if necessary.

Application Conditions

— Ambient temperature should be between +5 ° C and +35 ° C.
— Avoid application in very humid and / or very hot weather, strong wind or sun.
— Do not apply on frozen/melting surfaces or surfaces under threat of frost within 24 hours.
— Ensure Newkim Tiles Ceramic Adhesive Mortar does not form a film on the surface. Otherwise, the affected part should be combed again.

Application Tools

Steel gear trowel, mixer

Warnings and Recomendations

— Foreign materials must not be added to the mortar.
— Mix the mortar well before application until reaching homogenous consistency.
— All the tools used in application process should be washed with water afterwards before drying.

Technical Data

Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).Bilgiler; 23°C

View	White and Gray
Powder Density	1.65 kg. / Lt. (± 0.1)
Water Mixing Ratio	6-7 lt. water / 25 kg. Powder
Resting Time	5-10 minutes
Container Life	About 1.5-2 hours
Working Time	Max. 15 minutes
Time required for joint application	On the wall; 24 hours
(Wall and Floor)	48 hours on the ground
Opening Time of Soil to Traffic	24-48 hours
Application Thickness	3-10 mm (single- or double-side bonding)
Tensile, Adhesion Strength	Min. 15min. then> 0.5 N / mm² (EN 1346)
Adhesion Strength	> 0.5N / mm² (28 days) (EN 1348)
Fire Response Class	A1

Extra Tile Ceramic Adhesive Mortar

Product Description
Cement-based ceramic adhesive mortar with reduced slip and extended hold time. (C1 TE)

Areas of Use
It is used for laying ceramic, tile, glass mosaic and similar coating materials indoors, especially in wet areas such as bathrooms and kitchens, on walls and floors, and outdoors on floors.

Application Surfaces
Interior wall;
— Cement-based plaster,
Indoor floor;
— Cement-based screed,
— Concrete flooring,
Outdoor floor;
— Cement-based screed,
— Concrete flooring,

Advantages
— It is easy to apply.
— It's economical.
— It does not sag in vertical applications.
— It allows fixing the glued plates for a long time.

Preparation of the Surface
— The surface should be clean, dry, smooth and firm,
— It is not applied on floors exposed to heavy plasters thinner than 3 mm above the surface should be scraped and cleaned completely.
— Porous surfaces should be wetted, and the surface should remain moist until the water layer disappears.
— Significant defects or holes in the surface should be repaired with Newkim Repair Mortar at least 24 hours prior to application of Newkim Extra Tile Ceramic Mortar.
— Regional repairs under 7 mm can be done using Extra Newkim Tile Ceramic Mortar.

Preparation of Mortar
— 25 kg. Newkim tiles and ceramic adhesive mortar is added to about 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 5-10 minutes to mature and used again by mixing.
— The mixture in the bowl should be consumed within 1.5-2 hours.

Application Details
— The mortar should be applied to the surface and its thickness should be adjusted with a threaded steel trowel.
— The tooth size of the trowel should be determined according to the size of the ceramic to be laid and the smoothness of the surface to be applied.
— For good adhesion, the air must be expelled by applying force with the help of a rubber hammer.
— The adhesive mortar should contact at least 80% of the back of the ceramic.
— If necessary, double-sided bonding method should be chosen.

Application Limit
— It is not applied on metal surfaces.
— It is not applied on wooden floors, old painted surfaces, swimming pools and existing ceramic coatings.

— "C2" class ceramic adhesive should be used for gypsum board applications.
— It is not applied on surfaces (terrace, balcony, etc.) exposed to climatic changes and difficult conditions.

Application Requirements

The ambient temperature should be between +5 °C and +35 °C.

— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— During application, it should be paid attention that Newkim Tiles Ceramic Adhesive Mortar does not form flm on the surface, if flm has formed, that part should be combed again.

Application Tools

Hand mixer, trowel, rubber hammer, toothed steel trowel.

Warnings & Suggestions

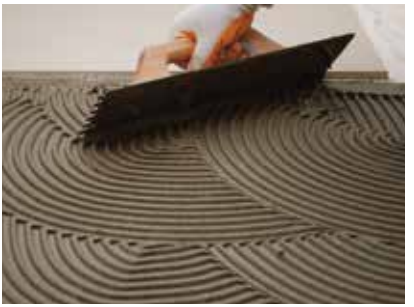
— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

Technical Data

Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).Bilgiler; 23°C

Appearance	White and Gray
Powder Density	1.65 kg/ Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 25 kg. Powder
Resting Time Pot Life	3-5 minutes
Working Time	Approximately 1.5-2 hours
Required Time For Joint	Max. 20 minutes
Application (on Wall and Floor)	On the Wall; 24 hours 48 hours on the Ground
Opening Time of the Ground to Traffic	24-48 hours
Application Thickness	Between 3-10 mm (single or double side adhesive)
Fire Response Class Shift	A1
Adhesion Strength	≤0.5 mm (EN 1308)

Granite Ceramic Adhesive Mortar



Product Description
Glazed porcelain, porcelain ceramic and granite ceramic adhesive mortar, high performance, cement based, with reduced sliding, extended holding time. **(C2 TE)**

Areas of Use
It is used for laying ceramic, glazed porcelain, porcelain ceramic and granite ceramic coatings on the wall and floor indoors and on the floor outdoors.

Application Surfaces
Interior wall;
— Cement-based plaster,
— Primed with gross concrete lining,
— Gypsum plaster and gypsum panel (Newkim Acrylic Primer applied)
— Old ceramic coating (Newkim Newsera applied)
Interior floor;
— Cement based screed,
— Concrete floor,
— Old ceramic coating (Newkim Newsera applied)
Outdoor floor;
— Cement based screed,
— Concrete floor,

Advantages
— Secure bonding in coatings such as oversized glazed porcelain, porcelain ceramics and granite ceramics.
— High performance in ceramic over ceramic applications.
Application possibility on plaster surfaces.

Preparation of the Surface
— The surface should be clean, dry, smooth and firm.
— Plasters thinner than 3 mm above the surface should be scraped and cleaned completely.
— Very porous surfaces should be wetted and the surface should remain moist until the water layer disappears.
— Any significant defects or holes in the surface should be repaired with a Newkim Thick Repair Mortar at least 24 hours prior to application of Granite Ceramic Adhesive Mortar.
— Regional repairs under 7 mm can be made using a Granite Ceramic Adhesive Mortar.

Preparation of Mortar
— Average 6-7 liters of water and 25 kg Granite Ceramic Adhesive Mortar should be mixed with a low speed mixer or trowel so that no lumps remain.
— Granite Ceramic Adhesive mortar should be mixed for 15-30 seconds before application after resting for 5 minutes.
— The mortar should be applied to the surface and its thickness should be adjusted with a threaded steel trowel.
— The tooth size of the trowel should be determined according to the size of the ceramic to be laid and the smoothness of the surface to be applied.

Application Limit

— It is not applied on metal surfaces.
— It is not applied on prefabricated and underfloor heated floors. (Newkim Flex Mortar Granite Adhesive Mortar should be used.)
— It is not applied on exterior facades. (Newkim Flex Mortar Granite Adhesive Mortar should be used.)

Application Requirements

— Ambient temperature is between +5 °C and +35 °C. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— During application, it should be paid attention that Newkim Granit Ceramic Adhesive Mortar does not form flm on the surface, if flm has formed, that part should be combed again.

Application Tools

Hand mixer, trowel, rubber hammer, toothed steel trowel.

Warnings and Recomendations

— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

Technical Data

Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).Bilgiler; 23°C

Appearance	White and Gray
Powder Density	1.60 kg/ Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 25 kg. Powder
Resting Time	3-5 minutes
Pot Life	Approximately 2 hours
Working Time	Max. 20 minutes
Time Required For Joint Application	24 hours
Time To Open The Floor To Traffic	24 hours (1 Week for heavy traffic)
Application Thickness	Between 3-10 mm (single or double side adhesive)
Slipping	≤0.5 mm (EN 1308)
High Initial Tensile Strength Fire Grade	≥1 N/mm² (EN 1348)
Fire Response Class	A1


Consumption
3-5 kg / m²


Packing
25 kg. Kraft bag.


Shelf Life
Conserve in dry and humid environment
1 year from production date


Color
White
Gray

Flex Mortar Granite Adhesive Mortar

Product Description
It is a one component granite marble, ceramic special adhesive mortar with cement based, high polymer added, very strong adhesive strength.**(C2 TES2)**

Areas of Use
— On indoor and outdoor, horizontal and vertical surfaces,
— In flooring and adhesion of large size floor and wall ceramics, granite, granite ceramic, marble, clinker and all kinds of natural stone coating,
— In places such as workplaces, shopping centers, schools, hospitals that are exposed to heavy and pedestrian traffic,
— In under-heated systems,
— For ceramic coating on old granite and marble,

Application Surfaces
Interior wall;
— Cement-based plaster,
— Interior and exterior floor primed with gross concrete lining;
— cement-based screed,
— Concrete flooring.

Advantages
— It provides very flexible and strong adhesion.
— It is resistant to water and frost.
— It is not affected by heat changes.
— It is resistant to high heat and cold.
— It provides high stability.
— It does not sag in vertical applications.

Preparation of the Surface
— The application surface should be cleaned from dust, oil, paint and other chemicals and loose parts.
— Surface defects should be corrected 24 hours in advance with Newkim Repair Mortar.
— All mineral-based absorbent surfaces should be wetted before application and should remain moist.
— In cases where the surface absorbency is high, application should be made after Newkim Liquid Primer is drawn to the surface.

Preparation of Mortar
— 25 kg Newkim Flex Mortar Granit Adhesive Mortar is poured into 6-7 liters of clean water and mixed with a low speed mixer until a homogeneous mixture is obtained.
— The mortar is left to rest for 5 minutes and mixed again.

Application Details
— The mortar is applied on the surface by pulling in one direction with a toothed steel trowel.
— The tooth size of the trowel should be determined according to the size of the granit to be laid and the smoothness of the surface to be applied.
— Granites are adhered to the mortar surface within 20 minutes.
— Force is applied with the help of a rubber hammer to ensure full contact of the mortar to the granite. Care should be taken to leave the desired joint spacing between granites.
— The joint filling process can be started at least 48 hours after the adhesive application.

— It is ideal for coating materials such as ceramics, tiles, tiles, granite, 40 x 40 cm and larger.
— Double-sided application is recommended for larger sizes.

Application Limit
— It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
— Do not go beyond the specified application surface and instructions for use.

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Application Tools
Hand mixer, Steel trowel, Rubber Hammer

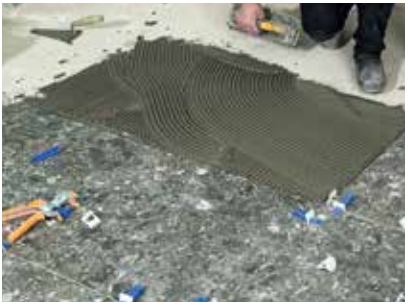
Warnings & Suggestions
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again. Applica-
— tion should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

Consumption Detail	Comb Tooth Width	Consumption (Amount of Powder)	Consumption (Amount of Mortar)
1 m²	4x4x4	1.2 - 1.3 kg./m²	1.7 - 1.8 kg./m²
1 m²	6x6x6	1.7 - 1.9 kg./m²	2.3 - 2.5 kg./m²
1 m²	8x8x8	2.4 - 2.6 kg./m²	3.2 - 3.5 kg./m²

Technical Data Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).Bilgiler; 23°C

Appearance	White and Gray Fine Powder
Powder Density	1.65 kg. / Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 25 kg. Powder
Resting Time	5-10 minutes
Pot Life	1.5-2 hours
Extended Open Hold Time	Min. After 30 minutes
Pull Adhesion Force	≤0.5 N / mm² (EN 1346)
Application Temperature	Between + 5 °C and + 35 °C
Adhesion Force (28 days EN 1348)	≥1 N/mm²
Slip	≤0.5 mm (EN 1308)
Transverse Shape Changing	≥2.5 mm and ≥5 mm (EN 12002)
Walking Time On	Min. 24 hours
Fire Response Class	A1

Flex Granite Ceramic Adhesive Mortar



Product Description
Polymer added, elastic granite ceramic adhesive mortar with slip feature reduced, open time extended and developed with additional features. **(C2 TES1)**

Areas of Use
— On horizontal and vertical surfaces,
— In the laying of large size floor and wall ceramics, granite, granite ceramic, marble, clinker, all kinds of natural stone and travertine coatings,
— In workplaces exposed to heavy traffic, shopping malls, schools, hospitals, under-floor heating systems, ceramic coatings on old granite and marble.

Application Surfaces
Interior wall;
— Cement-based plaster,
— Gross concrete,
— Gypsum plaster and gypsum panel, (Newkim Acrylic Primer applied)
— Old ceramic coating, (Newkim Newsera applied)
Interior floor;
— Cement based screed,
Concrete floor,
— Old ceramic coating
Outdoor floor;
— Cement based screed,
— Gross concrete.

Advantages
— It provides very flexible and strong adhesion.
— It is resistant to water and frost.
— It is resistant to high heat and cold.

Preparation of the Surface
— Very porous surfaces should be wetted and waited until the water layer disappears so that the surface remains moist.
— Any significant defects or holes in the surface should be repaired with a Thick Repair Mortar at least 24 hours prior to application of Granite Ceramic Adhesive Mortar.
— Regional repairs under 7 mm can be made using a Granite Ceramic Adhesive Mortar.
— The mortar should be applied to the surface and its thickness should be adjusted with a
— threaded steel trowel.
The tooth size of the trowel should be determined according to the size of the
— ceramic to be laid and the smoothness of the surface to be applied.
For large size ceramics, mortar should be applied both on the surface to be applied
— and on the back of the ceramic. (Double-side adhesion).
— All outdoor, floor and wall applications.

— **Preparation of Mortar**
Average 6-7 liters of water and 25 kg Flex Granite Ceramic Adhesive Mortar should be mixed with a low speed mixer or trowel so
— that no lumps remain.
After resting the Flex Granite Ceramic Adhesive Mortar for 5 minutes, it should be
— mixed again for 1-2 minutes before application.
— The mortar should be applied to the surface and its thickness should be adjusted with a threaded steel trowel.
The tooth size of the trowel should be determined according to the size of the ceramic to be laid and the smoothness of the surface to be applied.

Application Limit
— It is not applied on metal surfaces.

Application Requirements
— Ambient temperature is between +5 °C and +35 °C.
— It should not be applied on surfaces that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— During application, it should be paid attention that Newkim Flex Granit Ceramic Adhesive Mortar does not form flm on the surface, if flm has formed, that part should be combed again.

Application Tools
Hand mixer, trowel, rubber hammer, toothed steel trowel.

Warnings and Recommendations
— Newkim Silicone Flex Joint Filler should be used in joint application.
— Foreign materials must not be added.
— After application, all tools used should be washed with water before drying

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White and Gray Fine Powder
Powder Density	1.65 kg. / Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 25 kg. Powder
Resting Time	5-10 minutes
Pot Life	1.5-2 hours
Extended Open Hold Time Pull	Max. After 30 minutes
Adhesion Force	≥0.5 N / mm² (EN 1346)
Application Temperature	Between + 5 °C and + 35 °C
Adhesion Force (28 days EN 1348)	≥1 N/mm²
Slip	≤0.5 mm (EN 1308)
Transverse Shape Changing	≥2.5 mm and >5 mm (EN 12002)
Walking Time On	Min. 24 hours
Fire Response Class	A1

Pool and Wet Floor Adhesive Mortar

Product Description
It is a high performance, single component, special adhesive mortar containing cement-based polymer modified fillers.
(C2 TES2)

Areas of Use
— On indoor and outdoor, horizontal and vertical surfaces,
— In wet environments such as pool, water tank, sauna, Turkish bath,
— It is used for adhering coatings such as ceramic, glass mosaic on surfaces such as concrete, plaster and screed.
— It can be applied on cement-based plasters and under-heated floors on concrete surfaces and on floors subject to heavy traffic.

Application Surfaces
Interior wall;
— Cement-based plaster,
Indoor and outdoor
— floors with gross concrete lining;
— Cement based screed,
— Concrete flooring,

Advantages
— It has the property of water impermeability.
— It provides water insulation in adhesives in wet areas.
— It provides high adhesion strength.

Preparation of the Surface
— Defects on the application surface should be corrected 24 hours before, with the appropriate Newkim repair mortar, depending on the surface depth and structure.
— The application surface should be wetted and should remain moist.
— If the surface is very water absorbent, primer should be applied to the surface and then applied.

Preparation of Mortar
— A 25 kg bag of dry mortar is poured into approximately 6-7 liters of water slowly and mixed with a mixture or a trowel so that it does not lump.
— Wait for 10 minutes to complete the chemical reaction.
— It is mixed again before starting to use.

Application Details
— First, a contact layer is created by pressing the adhesive mortar vigorously over the application surface.
— The product is combed with a toothed trowel of your choice according to the size of the tile.
— In vertical applications, dilatation joints should be fixed to their places by applying force so as not to be covered in the bottom row and in ground and pool applications.
— The adhesive mortar should contact at least 80% of the back of the ceramic.
— During the laying of large-sized ceramics, double-sided bonding method should be preferred, and adhesive plaster should be applied to both the back of the ceramic and the surface and plates should be fixed so that the carding direction is perpendicular to each other.
— Apply force with the help of a rubber hammer to ensure good adhesion.

— Stick the tiles on the mortar combed within 30 minutes at the latest.
— The prepared mortar should be consumed within 2 hours.

Application Limit
— It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
— It cannot be applied on surfaces such as gypsum board, gypsum plaster, gypsum block without adherence enhancing primer.

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.

Application Tools
Hand mixer, trowel, rubber hammer, toothed steel trowel.

Warnings & Suggestions
— Newkim Silicone Flex Joint Filler should be used in joint application.
— Foreign materials must not be added.
— After application, all tools used should be washed with water before drying.

- CONSUMPTION -

Applied Surface	Comb Tooth Depth	Consumption (One Sided)	Consumption (Double Sided)
1 m²	4x4x4	1,2 - 1,3 kg/m²	1,7 1,8-kg/m²
1 m²	6x6x6	1,7 - 1,9 kg/m²	2,3 - 2,5 kg/m²
1 m²	8x8x8	2,4 - 2,6 kg/m²	3,2 - 3,5 kg/m²

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White and Gray Fine Powder
Powder Density	1,65 kg. / Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 25 kg. Powder
Resting Time Pot	5-10 minutes
Life	2-2.5 hours
Extended Open Hold Time Pull	Min. After 30 minutes ≥0.5
Adhesion Force	N/mm² (EN 1346)
Application Temperature	+5°C ile +35°C arası
Adhesion Force (28 days EN 1348)	≥1 N/mm²
Slip	≤0.5 mm (EN 1308)
Transverse Shape Changing	≥2.5 mm ve ≥5 mm (EN 12002)
Walking Time On	24 hours
Fire Response Class	A1


Consumption
3-5 kg / m²


Packaging
25 kg. Kraft bag.


Shelf Life
1 year from the date of production in drought and dry environments


Color
White Gray

Gas Concrete, Brick Mesh Mortar

Product Description
Cement-based ready mixed mortar for gas concrete, brick materials and masonry.

Areas of Use
— It is used for building walls with building elements such as gas concrete and brick with high water absorption rate.
— It is suitable for leveling of wall surfaces and filling of gaps and cracks.

Application Surfaces
Indoors and Outdoors;
— Gas concrete,
— Brick.

Advantages
— It has high adhesion strength.
— It can be easily trowellable.
— It saves time and labor

Preparation of the Surface
Before application, the surface should be cleaned from mold oil, paint, dust and adhesive reducing agents.

Preparation of Mortar
— Gas Concrete, Brick Mesh Mortar is preferably mixed with electric mixer.
— While preparing 6-7 lt water and 25 kg bag mortar; the plastic container is filled with water, then aerated concrete adhesive is added and mixed.
— Wait for 5 minutes then mix again.

Application Details
— The prepared mortar is applied on horizontal and vertical surfaces by combing.
— The placed gas concrete block is seated by malleting from the top and from the side.
— During the knitting process, the combination of columns and curtains into gas concrete blocks should be provided with gas concrete adhesive.
— The first row should be knitted with cemented mortar in its scales.
— Gas concrete block surfaces must be moistened with water before application.
— The first row of gas concrete blocks are made by wetting the lower and side surfaces in contact with the building mortar with water.
— There is no need to soak the gas concrete block in the knitting of the other rows.
— Gas concrete adhesive is applied to the surface with a trowel or a 10x10 wide scalloped trowel.
— During the application, horizontal and vertical joints should be maximum 3 mm.

Brick Size	Consumption
20x50x20 cm	5 - 6 kg / m²
20x70x20 cm	6 - 7 kg / m²
30x50x15 cm	3 - 4 kg / m²
30x50x20 cm	4 - 5 kg / m²
30x70x20 cm	5 - 6 kg / m²

Application Limit
— It cannot be applied on wood surfaces, metal surfaces, painted and damp surfaces.
— Do not go beyond the specified application surface and instructions for use.

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.

Application Tools
— Hand mixer, Notched trowel, Mallet

Warnings & Suggestions
— The expired or crusty mortar in the container should be disposed of.
— Open packaging should be consumed within 7 days.
— After application, all tools used should be washed with water before drying.

Technical Data Relative humidity environment of 55% (± 5 ° C) at 23 ° C (± 2 ° C).Bilgiler; 23°C

Appearance	Gray Colored Fine Powder
Powder Density	1.65 kg/Lt. (± 0.1)
Water Mixture Ratio	6-7 lt. water / 25 kg. Powder
Resting Time	10 minutes
Container Life Usage	Approximately 2 hours
Time Compressive	2 hours
Strength Fire	≥ 10 N/mm² (28 days) (M10)
Fire Response Class	A1

Ridge Tile Adhesive Mortar

Product Description
It is a cement-based, one-component, polymer-added adhesive roofing mortar that is used in the assembly of roof ridge tiles with high performance and stability.

Areas of Use
It is used for bonding surfaces such as ridge and tile on roofs.

Advantages
— It is decorative with its red color.
— It prevents cracking with polymer and fiber
— additives. It provides strong adhesion.
— It is resistant to water and frost.
— It is not affected by heat changes.
— It provides high stability and does not sag in vertical applications.

Preparation of the Surface
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The application surface should be wetted and should remain moist.

Preparation of Mortar
— 25 kg NEWKIM Ridge Tile Adhesive Mortar is added to approximately 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 5-10 minutes to mature and used again by mixing.

Application Details
— First, the adhesive mortar is spread over the application surface.
— It is applied to the junctions of the ridge without leaving any gap. The final shape is given by moist sponge.
— Moisten the surface for 24 hours after application in very hot weather and on surfaces exposed to direct sun.
— The mixture in the bowl should be consumed within 2 hours.

Application Requirements

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Steel trowel, plastic trowel.

Warnings & Suggestions

— Avoid application at temperatures below 5°C and above +35°C.
— The mortar should not be stepped on the ridge until it is dry.
— Attention should be paid to the pot life.
— Mortar should be prepared to be consumed within 2 hours.
— Pay attention to the amount of water involved in the mortar. Do not add too much water.
— Avoid application in areas that are frozen, at risk of freezing within 24 hours and exposed to wind until conditions improve.
— Do not add powder or water to the expired mortar.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Tile red fine powder
Powder Density	1.65 kg/lt. (±0.1)
Water Mixing	6-7 lt. water / 25 kg. powder
Rate Resting Time	Powder 5-10 minutes
Pot Life	Approximately 2 hours
Skinning Time	15-20 minutes
Application Temperature	+5°C / +35°C
Bond Strength	≥0.3 N/mm²
Fire Response Class	A1

Consumption
600 gr depending on the surface. (1 pcs of ridge)

Packaging
25 kg. Kraft bag.

Shelf Life
1 year from the date of production in drought and dry environments

Color
Tile Color

Jamb Adhesive Mortar

Product Description
It is a mortar used to adhere the interior and exterior cladding of processed polyurethane products such as cement based polymer additives, EPS structure jambs, carton-pierre, ceiling cores.

Areas of Use
It is used to adhere products such as jamb, cornice, windowsills, ceiling moldings to the surface.

Advantages
— It provides very flexible and strong adhesion.
— It is resistant to water and frost.
— It is resistant to high heat and cold.

Preparation of the Surface
— The surface should be clean, dry, smooth and firm.
— Very porous surfaces should be wetted, and the surface should be kept in such a way that it is saturated with moisture.
— Important defects on the surface should be repaired with Newkim Repair Mortar at least 24 hours before jamb adhesion application.
— Care should be taken to cure the application surface.

Preparation of Mortar
— 25 kg Newkim Jamb Adhesive is poured into 6-7 liters of clean water and mixed with a low speed mixer until a homogeneous mixture is obtained.
— The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.

Application Details
— Jamb Adhesive should be applied to jamb with the help of a steel trowel.
— Adhesive mortar is applied all around, making sure that it remains 5 mm from the edges so as to surround the jamb.
— The jamb is pressed onto the surface to be glued.
— Full adhesion is achieved by tapping the rubber mallet on it.
— The prepared mortar should be consumed within 2 hours.
— Newkim jamb adhesive mortar should be applied in 4mm thickness.

Application Limit

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— It cannot be applied on wood surfaces, metal surfaces and moisture-exposed surfaces.
— It cannot be applied on surfaces such as gypsum board, gypsum plaster, gypsum block without adherence enhancing primer.
— Do not go beyond the specified application surface and instructions for use.

Application Tools

Hand mixer, Steel trowel

Warnings & Suggestions

— The packaged product should not be stored in humid environments.
— Foreign materials must not be added.
— It is recommended to be consumed within 7 days after the bag is opened.
— After application, all tools used should be washed with water before drying.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White and Gray
Powder Density	1.6 kg/ m^3 (±0.1)
Water Mixing Rate	6-7 lt. water / 25 kg.
Resting Time	Powder 5-10 minutes
Pot Life	Approximately 2 hours
Application Thickness	4 mm
Fire Response Class	A1

Consumption
4-6 kg / m^2

Packaging
25 kg. Kraft bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
White
Gray

Thermal Insulation Board Adhesive Mortar

Product Description
It is a high performance, cement based, polymer added, flexible, high stability, specially prepared adhesive mortar for TS EN 13499-2006 ETICS composite heat insulation systems.

Areas of Use
— Indoors and outdoors
— It is used for bonding thermal insulation boards (expanded polystyrene (EPS) and extruded polystyrene (XPS).

Application Surfaces
— Interior and Exterior Facades;
— Gross concrete, (primer applied) Brick,
— Cement based plaster, Gas concrete.
— Wood plate,
— Consult us for all other application surfaces.

Advantages
— It is easy to apply and provides excellent adhesion.
— It is resistant to water and frost.
— It is not affected by temperature changes.
— It is flexible
— It provides high stability, does not sag or crack.

Preparation of the Surface
— Care should be taken to cure the application surface.
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The application surface should be wetted and should remain moist.
— Very porous surfaces should be wetted and the surface should remain moist until the water layer disappears.
— Significant defects or holes in the surface should be repaired with Newkim Board
— Adhesive Mortar at least 24 hours prior to application of Newkim Extra Tile Ceramic Mortar.

Preparation of Mortar
— 25 kg. Newkim Thermal Insulation Board Adhesive Mortar is added into approximately 5.5-6.5 lt of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 2 hours.
— **According to the smoothness of the application surface;**
Bonding Method to Whole Surface;
— Apply NEWKIM Thermal Insulation Board Adhesive Mortar with a trowel or a suitable scalloped trowel on the entire heat insulation board.
Strip and Point Application Method;
— Apply the adhesive insulation board mortar with a trowel to all edges of the Thermal Insulation board in strip form and in the middle parts in points form.
Use a gauge when gluing the boards during the application.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under the sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Hand mixer, trowel, scalloped trowel

Warnings and Recommendations

Insulation boards should be placed in close proximity to each other and the spaces between the plates should be as little as possible to prevent heat transfer.

Technical

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Information	Gray Colored Fine Powder
Appearance	1.65 kg/Lt. (± 0.1)
Powder Density	5.5-6.5 lt. water / 25 kg. Powder
Water Mixing Rate	3-5 minutes
Resting Time	Approximately 2 hours
Pot Life	15 minutes
Skinning Time	Min. 24 hours later
Dowelling	At least 1 day
Plaster Application Time	+5°C / +35°C
Application Temperature	≥ 1.0 N/mm²
Adhesion Strength Bending Strength Compressive	≥ 2.0 N/mm²
Strength	≥ 6.0 N/mm²
Adhesion Strength to Substrate	≥ 0.5 N/mm²
Adhesion Strength to Thermal Insulation Board Water	≥ 0.08 N/mm²
Absorption (At the end of 30 min.)	≤ 5 gr.
Water Absorption (At the end of 240 Min.)	≤ 10 gr.
Fire Class	A1

Heat Insulation Sheet Plaster Mortar (Fiber Added)

Product Description
It is plastering mortar specially prepared, cement based, polymer added, high performance, fiber reinforced TS EN 13499: 2006 ETICS for composite heat insulation systems.

Areas of Use
It is used for making glazing plaster on thermal insulation boards such as polystyrene inside and outside.

Advantages
— It is easy to apply and provides excellent adhesion.
— It is resistant to water and frost.
— It is not affected by temperature changes.
— It is flexible
— It provides high stability, does not sag or crack.
— It allows water vapor diffusion.
— Paint can be applied directly on it.

Preparation of the Surface
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The plates to be plastered should be solid and well seated and the spaces between them should be closed with foam or the same material.

Preparation of Mortar
— 25 kg. Newkim Thermal Insulation Plastering Mortar (Fiber Additive) is added into approxi-
— mately 5.5-6.5 lt of clean water and prefera-
— bly mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be
— consumed within 2 hours.

Application Details
— At least 24 hours after the installation of the thermal insulation board, first layer plaster with a trowel is applied on the boards with a thickness of about 2 mm.
— When the applied mortar is wet, the synthetic reinforcement net is pressed and stretched from above to below and buried in the mortar.
— After about 6 hours, the surface is moistened and the second layer (2 mm of thickness) is covered over the plaster mesh and made smooth for the paint.
— To prevent cracking, the net is overlapped 10 cm at the joints.
— It is necessary to wait 2-3 days according to weather conditions and application thickness for the paint. If the air temperature is high after the application is completed, moisten the surface until cemented.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under the sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Hand mixer, Steel trowel

Warnings and Recommendations

Because it is cement based, do not breathe its powder, do not make contact with the skin and eyes.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	Gray Colored Fine
Appearance	1,65 kg. / Lt. (±0.1)
Powder Density	5.5-6.5 lt. water / 25 kg. Powder
Water Mixing Rate	3-5 minutes
Resting Time Pot Life	Approximately 2 hours
Skinning Time	15-20 minutes
Dowelling	Min. 24 hours later
Plaster Application Time Bending	1-2 days
Resistance	≥ 2.0 N/mm²
Compressive Strength	≥ 6.0 N/mm²
Adhesion Strength to Substrate	≥ 0.5 N/mm²
Adhesion Strength to Thermal Insulation	≥ 0.08 N/mm²
Board Water Absorption	≤ 0.5 kg/m² minute. h0.5
Water Vapor Permeability	≤ 15
Coefficient Thermal Conductivity	≤ 0.35 W/Mk.
Fire Class	A1

Decorative Mineral Plaster

Product Description
It is topcoat decorative facade coating white cement based, one component, polymer added, troweled mineral texture TS EN 13499: 2006 specially prepared for ETICS composite thermal insulation systems.

Areas of Use
— As a last layer decorative coating material in jacketing systems,
— It is used on interior and exterior plasters.

Application Surfaces
— Exteriors; Cement based plasters,
— Gas concrete (applied gas concrete plaster),
— Please consult us for other surfaces.

Advantages
— It is easy to apply and provides excellent adhesion.
— It is decorative and provides a homogeneous application.
— The wavy appearance in thermal insulation systems applications can be corrected.
— It is resistant to water and frost.
— It is resistant to external influences and protects the structure for many years.
— It allows the structure to breathe by allowing the diffusion of water vapor.
— Exterior paint can be applied on it.

Preparation of the Surface
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— Before application, Newsan Multi-Purpose Primer is applied on the surface by brush or roller.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

Preparation of Mortar
— 25 kg. Newkim Decorative Plaster is added to approximately 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 2-3 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 1.5-2 hours.

Application Details
— The material should be applied to the surface with a steel trowel and spread over the entire surface of equal thickness.
— Application thickness should be adjusted according to the largest aggregate.
— Within 10 minutes at the latest, add a pattern to the plaster by making circular movements with a plastic trowel while the material is still wet.
— If the air temperature is high after the application is completed, moisten the surface until cemented.

Application Limit
— It is not applied on horizontal and inclined surfaces below 45 degrees.
— It is not applied directly on brick and gas concrete and on poorly plastered surfaces.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Requirements

Steel trowel, plastic trowel.

Warnings & Suggestions

— While preparing the mortar, the recommended water ratio, mixing and resting times must be observed.
— Previously prepared slightly hardened materials should not be included in the new mixture.
— Application under direct sun should be avoided.
— After drying, the surface should be painted with silicone-added exterior paint.
— Dark colors should not be preferred for applications on exterior thermal insulation systems.
— The bright reference value of the color to be selected must be greater than 25.
— Dark colors can only be used as decorative if they do not cover more than 10% of the facade.
— After application, all tools used should be washed with water before drying.
— It should be waited at least 7 days before starting the paint application.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White-colored granules
Powder Density	1.55 kg. / Lt. (±0.1)
Water Mixture	6-7 lt. water / 25 kg.
Ratio Rest Time	Powder 2-3 minutes
Pot Life	Approximately 1.5-2 hours
Application Temperature	+5°C / +35°C
Application Thickness	Min. 2 mm
Adhesion Strength	>0.8 N/mm²
Dry Film Thickness	>400 µm E5
Grain Size	>1500 µm S4

Line Textured Mineral Plaster (White)

Product Description
Cement-based, line-textured, decorative siding specially prepared for composite heat insulation systems

Areas of Use
— As a last layer decorative coating material in jacketing systems,
— It is used on interior and exterior plasters.

Application Surfaces Exteriors;
— Cement based plasters,
— Gas concrete (applied gas concrete plaster),
— Please consult us for other surfaces.

Advantages
— It is easy to apply and provides excellent adhesion.
— It is decorative and provides a homogeneous application.
— The wavy appearance in thermal insulation systems applications can be corrected.
— It is resistant to water and frost.
— It is resistant to external influences and protects the structure for many years.
— It allows the structure to breathe by allowing the diffusion of water vapor.
— Exterior paint can be applied on it.

Preparation of the Surface
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— Before application, Newsan Multi-Purpose Primer is applied on the surface by brush or roller.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

Preparation of Mortar
— 25 kg. Newkim Decorative Plaster is added to approximately 6-7 liters of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 2-3 minutes to mature and used again by mixing.
— The mixture in the bowl should be consumed within 1.5-2 hours.

Application Details
— The material should be applied to the surface with a steel trowel and spread over the entire surface of equal thickness.
— Application thickness should be adjusted according to the largest aggregate.
— Within 10 minutes at the latest, add a pattern to the plaster by making circular movements with a plastic trowel while the material is still wet.
— If the air temperature is high after the application is completed, moisten the surface until cemented.

Product Details
Line textured (Horizontal and Vertical)

Application Limit
— It is not applied on horizontal and inclined surfaces below 45 degrees.
— It is not applied directly on brick and gas concrete and on poorly plastered surfaces

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

— Steel trowel, plastic trowel.

Warnings & Suggestions

— While preparing the mortar, the recommended water ratio, mixing and resting times must be observed.
— Previously prepared slightly hardened materials should not be included in the new mixture.
— Application under direct sun should be avoided.
— After drying, the surface should be painted with silicone-added exterior paint.
— Dark colors should not be preferred for applications on exterior thermal insulation systems.
— The bright reference value of the color to be selected must be greater than 25.
— Dark colors can only be used as decorative if they do not cover more than 10% of the facade.
— After application, all tools used should be washed with water before drying.
— It should be waited at least 7 days before starting the paint application.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity

Appearance	White-colored granules
Powder Density	1.55 kg. / Lt. (±0.1)
Water Mixture	6-7 lt. water / 25 kg. Powder
Ratio Rest Time	2-3 minutes
Pot Life	Approximately 1.5-2 hours
Application Temperature	+5°C / +35°C
Application Thickness	2 mm min.
Adhesion Strengt	>0.8 N/mm²


Consumption
3 kg / m²


Packaging
25 kg. Kraft Bag


Shelf Life
1 year from the date of production in drought and dry environments


Color
White

Stone Wool Plaster **Mortar** (Fiber Added)

Product Description
It is a cement based, fiber added high performance plaster mortar with high flexibility and adhesion, used for plastering stone wool boards.

Areas of Use
It is used for making burnished plaster on stone wool boards in indoor and outdoor places.

Application Surfaces
— Exteriors.
— Cement-based plasters.

Advantages
— It is easy to apply.
— It is resistant to water and frost.
— It is not affected by heat changes.
— It allows water vapor diffusion.
— Paint can be applied directly on it.

Preparation of the Surface
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The plates to be plastered should be solid and well seated and the spaces between them should be closed with foam or the same material.

Preparation of Mortar
— 25 kg. Newkim Rock Wool Plastering Mortar (Fiber Additive) is added into approximately 6.5-7.5 lt of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 2 hours.

Application Details
— At least 24 hours after the installation of the thermal insulation board, first layer plaster with a trowel is applied on the boards with a thickness of about 2 mm.
— When the applied mortar is wet, the synthetic reinforcement net is pressed and stretched from above to below and buried in the mortar.
— After about 6 hours, the surface is moistened and the second layer is covered over the plaster mesh and made smooth for the paint.
— To prevent cracking, the net is overlapped 10 cm at the joints.
— It is necessary to wait 2-3 days according to weather conditions and application thickness for the paint. If the air temperature is high after the application is completed, moisten the surface until cemented.

Application Requirements

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Steel trowel

Warnings and Recommendations

— While preparing the mortar, the recommended water ratio, mixing and resting times must be observed.
— Previously prepared slightly hardened materials should not be included in the new mixture.
— Application under direct sun should be avoided.
— Dark colors should not be preferred for applications on exterior thermal insulation systems.
— The bright reference value of the color to be selected must be greater than 25.
— Dark colors can only be used as decorative if they do not cover more than 10% of the facade.
— After application, all tools used should be washed with water before drying.
— It should be waited at least 7 days before starting the paint application.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity

Appearance	Gri renkli ince toz
Powder	1,65 kg. / Lt. (±0.1)
Density	6.5-7.5 lt. su / 25 kg. Toz
Water Mixing	3-5 dakika
Rate Resting Time	Yaklaşık 2 saat
Pot Life Skinning	15-20 dakika
Time Dowelling	Min. 24 saat sonra
Plaster Application Time	1-2 gün sonra
Application Temperature	+5°C / +35°C
Application Thickness	Min. 2 mm (Tek kat)
Adhesion Strength	≥0.5 N/mm²


Consumption
3 kg / m²


Packaging
25 kg. Kraft Bag


Shelf Life
1 year from the date of production in drought and dry environments


Color
Gray

Rock Wool Adhesive Mortar

Product Description
It is a cement-based, polymer-doped, special adhesive mortar prepared for the bonding of rock wool boards.

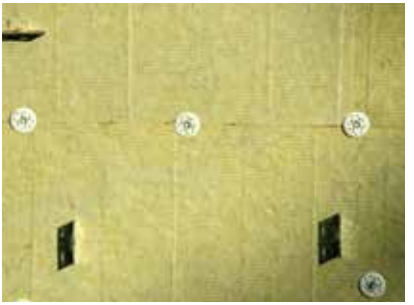
Areas of Use
It is used for bonding rock wool boards indoors and outdoors.

Application Surfaces
Exteriors; Cement based plasters,

Advantages
— It is easy to apply.
— It is resistant to water and frost.
— It is not affected by temperature changes.
— It allows water vapor diffusion.

Preparation of the Surface
— The application surface and boards should be strong and be cleaned from anti-adhesion agents such as dust, oil, paint, silicone, curing agent, detergent.
— The application surface should be wetted and should remain moist.

Preparation of Mortar
— 25 kg. Newkim Rock Wool Adhesive Mortar (Fiber Additive) is added into approximately 6.5-7.5 lt of clean water and preferably mixed with a low speed mixer or trowel so that no lumps remain.
— The prepared mortar is rested for 3-5 minutes to mature and used again by mixing. The mixture in the bowl should be consumed within 2 hours.



Application Details
— According to the smoothness of the application surface;

Bonding Method to Whole Surface;
— Apply Newkim rock wool plate adhesive mortar with a trowel or a suitable scalloped trowel on the entire heat insulation board.

Strip and Point Application Method;
— Apply the adhesive insulation board mortar with a trowel to all edges of the Thermal Insulation board in strip form and in the middle parts in points form.
Use a gauge when gluing the boards during the application.
— The boards adhered with Newkim rock wool adhesive mortar should be pressed tightly to ensure good adhesion, and after 24 hours they should be mechanically fastened with dowels.

Application Requirements

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Steel trowel

Warnings and Recommendations

— While preparing the mortar, the recommended water ratio, mixing and resting times must be observed.
— Previously prepared slightly hardened materials should not be included in the new mixture.
— Application under direct sun should be avoided.
— Dark colors should not be preferred for applications on exterior thermal insulation systems.
— The bright reference value of the color to be selected must be greater than 25.
— Dark colors can only be used as decorative if they do not cover more than 10% of the facade.
— After application, all tools used should be washed with water before drying.
— It should be waited at least 7 days before starting the paint application.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity

Appearance	Gray colored fine powder
Powder Density	1,65 kg. / Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 25 kg. Powder
Resting Time	3-5 minutes
Pot Life	Approximately 2 hours
Skinning Time	15-20 minutes
Dowelling	Min. 24 hours later
Plaster Application Time	1-2 days later
Application Temperature	+5°C / +35°C
Adhesion Strength	≥0.5 N/mm²

Fine Satin Paste

Product Description
Sealant cement based, polymer modified, having high adhesion property, ready to paint, for smooth topcoat.

Areas of Use
It is used for smoothing plaster surfaces on interior and especially exterior surfaces of all buildings, repairing pore, pit or capillary shrinkage cracks on the surfaces.

Application Surfaces
On the interior;
— Interior wall surfaces.
— On the exterior;
— On the balcony and inside.
— Cement based plaster applications.

Advantages
— It is resistant to water and frost.
— It is not affected by heat changes.
— It allows water vapor diffusion.

Preparation of the Surface
— The surface should be clean, firm and moist.
— Cracks and defects deeper than 3 mm should be repaired with Newkim Thin Repair Mortar at least 72 hours before fine satin application.
— Before the application, the surface must be moistened and saturated with water in very hot and windy weather.

Preparation of Mortar
— An average of 6.5-7 liters of clean water should be added in a 20 kg bag of Newkim fine satin paste.
— Newkim Fine Satin should be mixed with a trowel or a low speed hand mixer until it reaches a homogenous consistency. The mixture should be rested for 10 minutes before application.
— Newkim Thin Satin Paste should be applied with the help of a steel trowel to the whole surface in equal thickness.
— If more than one layer is to be applied, 2-3 hours between layers should be expected, total thickness of 3 mm should not exceed.

Application Details
— After application, the surface should be moistened for 2-3 days.
— After Newkim Fine Satin Paste is completely dry, the surface should be sanded and smoothness should be provided.
— The specified periods are valid at 20 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

Application Requirements

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Hand mixer, Steel trowel

Warnings and Recommendations

— After mixing Newkim fine satin paste with water, the resting time must be strictly observed and the mortar must be mixed thoroughly before application.
— No foreign materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Immediately after the application, the surface should be smoothed with a steel spatula or trowel, without allowing the material to set.
— After application, the surface should be moistened for 2-3 days.
— After the full drying period, it should be corrected with sandpaper.

Technical

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Information	White color
Appearance Powder	1.20 kg./Lt. (±0.1)
Density	6.5-7 lt. water / 20 kg. Powder
Water Mixing Rate	3-5 minutes
Resting Time Pot Life	Approximately 2 hours
Full Drying Application	24 hours
Thickness	1-3 mm
Layer Thickness That Can Be Applied	Max. 1,5 mm. (single layer)
Time to Wait Between Layers	2-3 hours.


Consumption
1.1-1.2 kg / m²


Packaging
20 kg. Kraft Bag


Shelf Life
1 year from the date of production in drought and dry environments


Color
Beyaz

Ready Machine Plaster

Product Description
It is a cement based, ready plaster type with high water-repellent feature.

Areas of Use
Inside and outside of all structures.

Application Surfaces
It is applied to brick, bims, gross concrete, briquette wall surfaces both indoors and outdoors.

Advantages
— It provides easy and fast application with the machine.
— The surface is terminated with a single layer
— application.
— It functions as coarse and fine plaster.
— With its homogeneous structure, it provides high adhesion and strength strengths at every point of the surface.
— With its water repellent feature, it is more resistant to water and moisture than traditional plasters.

Preparation of the Surface
— The application surface should be clean, free from dust and oils and should be robust.
— Repair of cracks and holes must be done before application.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.
— Surfaces with high water absorption such as gross concrete should be primed with Newkim Gross Concrete Primer at least 12 hours prior to application.
— Sprinkle plaster should be applied at least 3 days before the application on glossy surfaces, concrete walls and ceilings and high-water absorption surfaces. To obtain high quality plaster and mortar in sprinkling plaster application, to create adherence bridge, to increase water impermeability and elasticity Newlatex should be used.

Preparation of Mortar
— Newkim ready-mixed machine plaster is mixed with plaster mixing machine (4-5 Lt. water, 25 Kg. Bag) and sprayed on the surface.
— Application thickness is made between 1 cm and 2.5 cm in one layer. If the thickness is more than 2.5 cm, the second layer is applied at a maximum thickness of 2-2.5 cm after setting the first layer.
— Special aluminum profiles should be used for proper plaster application, and corner profiles should be used to prevent corner breaks.
— Between 2 boards should be leveled
— machine plaster with special aluminum gauge profiles sprayed in horizontal stripes.
— After the plaster has hardened sufficiently, the surface application is finished with the help of a damp sponge.

Application Limit
— Direct plastering should not be applied on metal and wood surfaces.
— It is not applied on plaster surfaces.
— It is not applied on old painted surface, ready colored plaster, siding, non-solid old plaster, asbestos cement or insulation panel surfaces that may be exposed to continuous humidity.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— Suitable plaster netting should be used at different material joints and at points where movement may be thought.

Application Tools

Plaster machine, electric mixer, gauge, steel trowel

Warnings and Recommendations

— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White and Gray
Powder Density	1.65 kg/ Lt. (±0.1)
Water Mixing Rate	4-5 lt. water / 25 kg. Powder
Resting Time	3-5 minutes
Pot Life	Approximately 2 hours
Full Drying Application	24 hours
Thickness	10-50 mm
Time to Wait Between Layers	Min. 1 day
Time to Use the Mortar	2 hours

Consumption
15-17 kg / m² for 1 cm thickness

Packaging
25 kg. Kraft Bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
White Gray

Ready Hand Plaster

Product Description
It is a cement-based, general-purposeplaster that can be applied by hand with a combination of coarse and fine plaster.

Areas of Use
Inside and outside of all structures.

Application Surfaces
It is applied to brick, bims, gross concrete, briquette wall surfaces both indoors and outdoors..

Advantages
— It offers easy and fast application.
— It functions as coarse and fine plaster.
— With its homogeneous structure, it shows high adhesion and strength strengths at every point of the surface.

Preparation of the Surface
— The surface must be cleaned from mold oil, dust, paint and adherence reducing agents. Repair of cracks and holes before application must be done with Newkim repair mortar.
— If necessary, the application surface should be moistened with water.
— It should be used 72 hours before pre-sprinkling on gas concrete walls.
— Sprinkling plaster should be applied before application on bright surfaces, concrete walls and ceilings.
— Newkim latex should be used to obtain high quality plaster and mortar from sprinkling plaster application.

Preparation of Mortar
— Newkim ready hand plaster is mixed with the mixing machine (4-5 Lt. water, 25 Kg. bag) and sprayed on the surface.
— Application thickness is made between 1 cm and 2.5 cm in one layer.
— If the thickness is more than 2.5 cm, the second layer is applied at a maximum thickness of 2-2.5 cm after setting the first layer.
— Special aluminum profiles should be used for a smooth plaster application and corner profiles should be used to prevent corner breakings.
— Between 2 boards should be leveled machine plaster with special aluminum gauge profiles sprayed in horizontal stripes.
— After the plaster has hardened sufficiently, the surface application is finished with the help of a damp sponge.

Application Limit
— Direct plastering should not be applied on metal and wood surfaces.
— It is not applied on plaster surfaces.
— It is not applied on old painted surface, ready colored plaster, siding, non-solid old plaster, asbestos cement or insulation panel surfaces that may be exposed to continuous humidity.

Application Requirements

— Ambient temperature is between +5 °C and +35 °C. Avoid application under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— Suitable plaster netting should be used at different material joints and at points where movement may be thought.
— No foreign material should be added to the prepared mixture.

Application Tools

Plaster machine, electric mixer, gauge, steel trowel

Warnings and Recommendations

— Certainly foreign materials should not be added to the mortar.
— Before application, the mortar should be thoroughly mixed until it reaches a homogeneous consistency.
— After application, all tools used should be washed with water before drying.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White and Gray
Powder	1,6 kg. / Lt. (±0.1)
Density	4-5 lt. water / 25 kg. Powder
Water Mixing Rate	3-5 minutes
Resting Time Pot Life	Approximately 2 hours
Full Drying Application	24 hours
Temperature	+5°C / +35°C
Application Thickness	10-50 mm
Application Single Layer Thickness	25 mm. Max.
Time to Wait Between Layers	1 day Min.

Crystallized Waterproofing Mortar

Product Description
It is a cement-based, one-component, crystallized waterproofing mortar that is resistant to negative and positive water pressure and can be transferred to the capillary spaces of cement-based surfaces.

Areas of Use
It is used as an insulation material against leaks in interior and exterior spaces of all buildings, especially in water tanks, brine pools, foundation, curtain and basement walls, balconies, bathrooms, kitchens, toilets and detached swimming pools, elevator wells.

Application Surfaces
— Cement-based plasters and screeds,
— Consult us for all other application surfaces.

Advantages
— It is resistant to negative and positive water pressure.
— It has the ability to be transferred to the capillary spaces of cemented surfaces.
— It is suitable for drinking water.

Preparation of the Surface
— The surface to be applied must be clean, smooth and firm. Dust, lime paint residues, mold oils should be cleaned with a wire brush from the application surface.
— Significant defects and holes on the surface should be repaired with Fast Setting Plug Mortar before Crystalline Waterproofing Mortar application.
— Porous surfaces such as exposed concrete and cement-based plaster should be wetted with clean water and should be waited until the water layer disappears so that the surface remains moist.

Preparation of Mortar
6.5-7 lt of clean water should be added to 25 kg of Crystallized Waterproofing Mortar for each layer and mixed with a low speed mixer for 2-3 minutes until it reaches a homogenous consistency.

Application Details
— Crystallized Waterproofing Mortar should be applied with a brush as a minimum of 2 coats on the entire surface.
— The application of each layer should be applied in the direction perpendicular to the previous one.
— It should be waited at least 6 hours between layers.
— If the application of the following layer takes place 12 hours or more after the application of the previous layer, the surface is moistened again before the application.
— Drinking water tanks should be disinfected with hypochlorite solution at least 7 days after the application and washed with drinking water, and then filled with water.
— This process should be repeated once a year.

Application Limit
— It is not applied on wood, hardboard, plywood and metal surfaces.
— It is not applied directly on brick, gas concrete and poorly plastered surfaces.
— It is not used in terrace and roof insulation. The concrete surface should have been poured at least 6 months ago for the applications to be made in pools and water tanks.
— Do not apply with roll.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Application Tools

Hand mixer, brush,

Warnings & Suggestions

— Foreign materials must not be added.
— Dilatation joints on the application surfaces should not be covered with Newkim Crystallized Waterproofing Mortar, the continuity of the insulation should be ensured with dilatation insulation tapes at these points.
— Surfaces where Newkim Crystallized Waterproofing Mortar has been applied should be protected from direct sunlight, air flow and frost for 3 days.
— If necessary, the surface should be wetted and kept moist.
— On surfaces that may be subject to mechanical impacts, a protective coat such as ceramic should be applied on Newkim Crystallized Waterproofing Mortar.
Newkim Crystallized Waterproofing Mortar should not be left bare in places open to circulation and sunlight and should be protected with screed, ceramic coating or industrial floor covering.
— After application, all tools used should be washed with water before drying.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Gray Colored Fine Powder
Powder Density	1.40 kg/Lt. (± 0.1)
Water Mixing	6.5-7 lt. water / 25 kg. Powder
Rate Resting	Min. 3 minutes
Time Pot Life	15-20 minutes
Time to Use Application	Min. 24 hours
Thickness Number of Coats to be Applied	1 mm in one coat.
Waiting Time Between the Coats	2-3 coats
Waiting Time Between the Coats	Min. 6 hours
Time to Wait for the Final Coat Application	1-2 days

TK-101
Stopper Mortar

Product Description
It is a cement based, fast setting stopper mortar used to stop water leaks.

Areas of Use
— It is used on the inner and outer reinforced concrete wall of the water tanks and tanks,
— İn reservoirs, drainage systems and tunnels,
— For waterproofing pipe and cable passages,
— İn filling and sealing of tension iron spaces in the mold.

Application Surfaces
— On the inner and outer surfaces.
— Please consult for other surfaces.

Advantages
— It is easy to apply.
— It becomes water-impermeable stopper by
— taking a sudden setting.
— It doesn't shrink, it doesn't crack.
— It does not corrode reinforced concrete reinforcement.
— It adheres perfectly to the surface.
— Its mechanical strength is very high.
— All kinds of waterproofing materials can be applied on it.
— It is safely used in foundations, basements, elevator wells, underground garages and warehouses, internal and external reinforced concrete walls of water tanks and tanks, reservoirs, drainage systems and tunnels.

Preparation of the Surface
— The surface to be applied must be clean and free from oil, mortar, dust and flowering residues.
— If the water leak is pressurized, water from the surface must be drained through a pipe before application.
— Loose parts on the surface, residues that will prevent adhesion such as soil, oil, paint, mud and pitch should be cleaned.
— Cracks and gaps should be scraped to a width and depth of 2 cm and loose parts should be cleaned.

Preparation of Mortar
It should be applied to the mortar in the form of dough in conical form in 1 minute and applied to the area where there is water leakage by hand, with a single movement and with pressure.

Application Details
— It can be applied in powder or mortar.
— For application as a mortar, mix the product with water and apply it to the area where there is a leak.
— For dry application, apply the powder product directly to the leaking area.
— Constant pressure should be applied for at least 2 minutes until the material hardens.
— Immediately after the application, the excess on the surface should be removed with tools such as chisels and spatulas and the surface should be smoothed.

Application Limit
It is not applied on wood, hardboard, plywood and metal surfaces.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on frozen surfaces.

Application Tools

Nitrile Gloves

Warnings & Suggestions

— Foreign materials must not be added.
— Because it is cement based, do not breathe its powder, do not make contact with the skin and eyes.
— Protective gloves must be worn during use.
— Please consult when using with water.
— Please refer to the Safety Data Sheet for further information.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	Grey Powder
Application Temperature	+5°C / +35°C
Pot Life	1 minute
Final Drying	2-3 minutes
Adhesion Strength (EN 1542	>0,50 N/mm² (28 days)

Consumption
2-3 kg / m² for 2 mm thickness

Packaging
5 kg-25 kg PE Bucket

Shelf Life
1 year from the date of production in drought and dry environments

Color
Gray

S1 / Dual Component Semi-Elastic Waterproofing Mortar

Product Description
Cement-based, acrylic (polymer emulsion) modified, two-component, semi-elastic waterproofing mortar.

Areas of Use
It is used as a ceramic waterproofing material in all buildings, especially in wet places such as balconies, bathrooms, toilets and kitchens.

Application Surfaces
— Cement-based plasters and screeds,
— Gross concrete surfaces
— Consult us for all other application surfaces.

Advantages
— Easy and practical application
— Possibility of rapid transition to ceramic application.

Preparation of the Surface
— The surface to be applied must be clean, smooth and firm.
— Significant defects and holes on the surface should be filled with Thick Repair Mortar 24 hours before Newkim Cement Based Double Component Semi-Elastic Waterproofing Mortar (S1) application; in cases where fast application or sulfate resistance is required, it should be chamfered with appropriate Repair Mortar.
— Porous surfaces such as exposed concrete and cement-based plaster should be wetted with clean water and should be waited until the water layer disappears so that the surface remains moist.

It is produced in accordance with TS EN 14891: 2013 standard.

Preparation of Mortar
— For each layer, 20 kg of powder component should be added slowly to the 6 kg liquid component and it should be mixed for about 2-3 minutes, preferably with the help of a low speed mixer until it reaches a homogenous consistency.
— After the mixture is rested for 5 minutes, it must be mixed again before application. Newkim S1 should be applied to the entire surface in 2 coats with a brush or trowel.
— The application of each layer should be applied in the direction perpendicular to the previous one.

Application Details
— Newkim S1 should be applied to the entire surface in a minimum of 2 coats with the help of a brush.
— The application of each layer should be made in the direction perpendicular to the previous one.
— It should be waited at least 24 hours between layers.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

Application Limit
— It is not applied on wood, hardboard, plywood and metal surfaces.
— It is not applied against negative water pressure. It is not applied in drinking water tanks and terraces.
— It should not be left naked in places that may be exposed to direct sunlight.
— The top of the application should be covered with products such as screed, ceramics.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Application Tools

Hand mixer, brush, trowel.

Warnings & Suggestions

— Only its own liquid should be used for the mixture, absolutely no water should be added.
— Foreign materials must not be added.
— Dilation joints on application surfaces should be provided with dilation insulation bands.
— In wet volume applications, moving points and vertical and horizontal corners should be supported by corner insulation bands.
— Newkim S1 applied surfaces should be protected from direct sunlight, air currents and frost for 2 days.
— If necessary, the surface should be wetted and kept moist.
— A protective coat like ceramic should be applied on Newkim S1 on surfaces that may be exposed to mechanical impacts.
— The coating application like ceramic should not be started before 2 days after Newkim S1 application.
— After application, all tools used should be washed with water before drying.
— Never go beyond the application instructions.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	Grey Fine-Grained Powder / White Color Liquid
Application Temperature	+5°C / +35°C
Mortar Density	Approximately 1.60 kg /dm³ (±0.1)
Adhesive Strength (TS EN 14891)	≥ 1,00 N /mm²
Crack Bridging (TS EN 14891)	≥ 0,75 mm (+20 °C)
Capillary Water Absorption (TS EN 1602-3)	≤ 0,10 kg/(m2h0,5)
Number of Floors to Apply	2-3
Waiting Time Between Coats	Min. 24 hours
Time to Wait for Ceramic Application	1-2 days
Mechanical Strength Gain Time	3 days
Water Impermeability	7 days
Full Drying Time	48 hours

S2 / Dual Component Super Elastic Waterproofing Mortar

TS EN 14891: 2013 standartına uygun üretilmişir.

Product Description
Acrylic (polymer emulsion) modified, cement based, double component, super elastic waterproofing mortar.

Areas of Use
It is used as cement waterproofing material in cement-based surfaces in all buildings: Especially in wet places such as balconies, bathrooms, toilets and kitchens, balcony terraces and private swimming pools.

Application Surfaces
Interior and exterior;
— Cement-based plasters and screeds,
— Gross concrete,
— Consult us for all other application surfaces.

Advantages
— Safe use in wet areas, balcony terraces and detached swimming pools.
— Possibility of rapid transition to ceramic application.
— With its extra elastic structure, it offers a wide application area in structures.
— Easy and practical application possibility.

Preparation of the Surface
— The surface to be applied must be clean, smooth and firm.
— Significant defects and holes on the surface should be filled with Thick Repair Mortar 24 hours before Newkim Cement Based Double Component Super Elastic Waterproofing Mortar (S2) application; in cases where fast application or sulfate resistance is required, it should be chamfered with appropriate Repair Mortar.
— Porous surfaces such as exposed concrete and cement-based plaster should be wetted with clean water and should be waited until the water layer disappears so that the surface remains moist.

Preparation of Mortar
— For each layer, 20 kg of powder component should be added slowly to the 10 kg liquid component and mixed with a low speed mixer for 2-3 minutes until it reaches a homogenous consistency.
— After the mixture is rested for 5 minutes, it must be mixed again before application.

Application Details
— Newkim S2 should be applied to the entire surface with a brush or trowel in min 2 coats.
— The application of each layer should be made in the direction perpendicular to the previous one.
— It should be waited at least 24 hours between layers.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

Application Limit
— It is not applied on wood, hardboard, plywood and metal surfaces.
— It is not applied against negative water pressure.
— It should not be left naked in places that may be exposed to direct sunlight.
— The application should be covered with products such as screed and ceramics.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or have the risk of rain or frost
— Foreign materials must not be added.

Application Tools

— Hand mixer, brush, trowel.

Warnings & Suggestions

— Only its own liquid should be used for the mixture, absolutely no water should be added.
— Newkim S2 applied surfaces should be protected from direct sunlight, air currents and frost for 2 days.
— If necessary, the surface should be wetted and kept moist.
— A protective coat like ceramic should be applied on Newkim S2 on surfaces that may be exposed to mechanical impacts.
— The coating application like ceramic should not be started before 2 days after Newkim S2 application.
— After application, all tools used should be washed with water before drying.
— Dilation joints on application surfaces should be provided with dilation insulation bands.
— In wet volume applications, moving points and vertical and horizontal corners should be supported by corner insulation bands.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	Grey powder / Whiteliquid
Application Temperature	+5°C / +35°C
Mortar Density	approximately 1.50 kg / dm³
Adhesion strength (TS EN 14891)	≥ 1,00 N /mm2
Crack bridging (TS EN 14891)	≥ 1,50 mm (+20 °C) ≥ 1,00 mm (-20 °C)
Capillary water absorption (TS EN 1602-3)	≤ 0,10 kg/(m2h0,5)
Number of Coats to Be Applied	2-3 layers
Waiting Time Between Coats	24 hours
Waiting Time for Filling Water Tanks With Water Gain	7 days
Mechanical Strength	2 days
Water Impermeability	7 days
Full Drying Time	48 hours

S3 / **Dual Component UV Resistant Waterproofing Mortar**

It is produced in accordance with TS EN 14891: 2013

Product Description
Cement-based, acrylic (polymer emulsion) modified, improved UV resistance, light pedestrian traffic resistant, two-component, fully elastic waterproofing mortar.

Areas of Use
It is used as a UV and light pedestrian traffic resistant waterproofing material in all buildings, especially on terrace roofs that will be left open without being covered with any other coating material, in wet places such as balconies, bathrooms, toilets and kitchens, swimming pools and water tanks.

Application Surfaces
— Cement-based plasters and screeds,
— Gross concrete,
— Consult us for all other application surfaces.

Advantages
— Safe use as a topcoat on terrace roofs.
— Improved UV and light pedestrian traffic.
— Stated times 25 °C surface and ambient strength.
— Resistance to temperature differences with full elastic structure.
— Compliance with drinking water.
— Application on moist surfaces.
— Easy and convenient application.

Preparation of the Surface
— The surface to be applied must be clean, smooth and firm.
— Significant defects and holes on the surface should be filled with Thick Repair Mortar min 24 hours before application of Newkim Double Component UV Resistant Elastic Waterproofing Mortar (S3); if rapid application or sulfate resistance desired.
— It is valid at temperature, time increases at low temperature, time decreases at high temperature.

Preparation of Mortar
— For each layer, 25 kg of powder component should be added slowly to the 8 kg liquid component and mixed with a low speed mixer for 2-3 minutes until it reaches a homogenous consistency.
— After the mixture is rested for 5 minutes, it must be mixed again before application.

Application Details
— Newkim Two Component UV Resistant Elastic Waterproofing Mortar S3 should be applied to the entire surface with a brush or trowel in a minimum of 2 coats.
— The application of each layer should be made in the direction perpendicular to the previous one.
— It should be waited at least 24 hours between layers.

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Application Tools

Hand mixer, brush, trowel.

Warnings & Suggestions

— Only its own liquid should be used for the mixture, absolutely no water should be added.
— Foreign materials must not be added.
— Dilation joints on application surfaces should be provided with dilation insulation bands. In wet volume applications, moving points and vertical and horizontal corners should be supported by corner insulation bands.
— Newkim Two Component UV Resistant Elastic Waterproofing Mortar S3 applied surfaces should be protected from sudden temperature differences, air currents and frost that will increase the risk of cracking on the surface for 48 hours.
— If necessary, the surface should be wetted and kept moist.
— A protective coat like ceramic should be applied on Newkim Double Component UV Resistant Elastic Waterproofing Mortar S3 on surfaces that may be exposed to mechanical impacts.
— The coating application like ceramic should not be started before 1 day after Newkim S3 application.
— After application, all tools used should be washed with water before drying.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	White Fine-Grained Powder / White Color Liquid
Application Temperature	+5°C / +35°C
Mortar Density	Approximately 1,55 kg /dm³ (±0.1)
Adhesion strength (TS EN 14891)	≥ 1,00 N /mm2
Crack bridging (TS EN 14891)	≥ 1,50 mm (+20 °C) ≥ 1,00 mm (-20 °C)
Capillary water absorption (TS EN 1602-3)	≤ 0,10 kg/(m2h0,5)
Number of Coats to Be Applied	2-3 layers
Waiting Time Between Coats	24 hours
Waiting Time for Filling Water Tanks With Water Gain	7 days
Mechanical Strength	2 days
Water Impermeability	7 days
Full Drying Time	48 hours

Consumption
2-4 kg / m² for 2 mm thickness

Packaging
25 kg Powder
8 kg Liquid

Shelf Life
1 year from the date of production in drought and dry environments

Color
White

WATER STOP
Acrylic Based Liquid Membrane

Elastomeric (acrylic) resin-based, water-based, one-component, UV-resistant, flexible waterproofing material.

Areas of Use
- In all horizontal and vertical floors,
- In buildings, concrete, plaster, brick, tile, aerated concrete, briquette, grooved and grooved roofing boards, boards and terraces when water and moisture impermeability is desired.
- Foundation and curtain wall tanking,
- Basement, foundation insulation, (positively)
- Dilatation of surface joints, plaster cracks and pipe joints, concrete repair and protection of parapets, repair of wall cracks in the foundation, isolation of bathrooms and wet areas, Indoor wet floors,
- Insulation of flue bottom and wall monoblocs,
- Terrace, balcony, under-tile and over-tile insulation,
- In the insulation of eaves, hidden creeks and rain gutters
- In the insulation of swimming pool, water tank and water discharges,
- Insulation of outdoor wet floors.

Preparation of the Surface
- Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
- Pressurized water should be used when necessary. The surface to be applied should be dry and clean without moisture.
- The terraces and surfaces to be applied must have a slope that will not make the pond.
- It can only be painted with water-based paint with the same elasticity structure.

Reinforced concrete curtain walls;
- The application should be protected from soil and rock filling from construction excavation. (Wall knitting, sandbag laying, polystyrene foam lining etc.)
- It is used in water tanks, swimming pools

and cisterns, wet areas (WC, Bathroom) on the ground and under wall tile waterproofing applications.

On Terrace roofs;
- Due to UV resistance, application can be done without being covered.
- Water should be filled after 10 days to ensure complete drying in closed areas.

Application of the Product
- Primer coat application; After the required surface preparation is completed, it should be applied on the surface with a roller.
- Mezzanine application; After primer coat application, it is applied as a layer by brush or roller, without diluting with water, to the chimney bottoms, horizontal, vertical joints, cracks or critical points that may possibly crack in the future.
- Normal coat application; 2 and 3 coat applications should be done without thinning with water. A minimum of 24 hours between the layers should be expected and the application layer should be 90° perpendicular to the layer that was first applied. Application surfaces should be protected from rain, frost, pedestrian and vehicle traffic for at least 48 hours.

Application Details
- It can only be painted with water-based paint with the same elasticity structure.

Reinforced concrete curtain walls;
- The application should be protected from soil and rock filling from construction excavation. (Wall knitting, sandbag laying, polystyrene foam lining etc.)
- SIt is used in water tanks and wet areas (WC, Bathroom) on the floor and under wall tile When it is desired to take advantage of the waterproofing applications.

On Terrace roofs;
— Due to UV resistance, application can be done without being covered.
— Before the topcoat application dries, sanding should be done to roughen the surface and the application should be covered. (Ceramic tiles, etc.)
— Water should be filled after 10 days to ensure complete drying in closed areas.

Consumption
1.5 kg / m² for 1 mm thickness

Color
In desired colors.

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.
— Brush application is not applied.

Important Note;
— Waterproofing feature in blind facades in exterior jacketing systems, it can be diluted 1/3 and used as an undercoat application.
— It is not applied until minimum 24 hours in weather conditions with possible rain.

Application Tools
Hand mixer, roll.

Warnings & Suggestions
— Foreign materials must not be added.
— All applied surfaces must be protected with screed, ceramic or similar coatings in order to show performance and required resistance against external influences.
— Gloves should be used during application.
— If the product comes into contact with the eyes and skin, it should be washed with plenty of water.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	In all desired colors
Application Temperature	+5°C / +35°C
First Drying	Max. 12 hours / Min. 4 hours
Second Layer Drying	Max 24 hours / Min. 12 hours Max.
Full Dry	48 hours / Min. 24 hours
Breaking Elongation	Minimum 600% (DIN 53455)
Mechanical Strength Gaining Time	7 days
Waterproofing Time Low Resistance	7 days
Temperature in High Environment	-20°C
Resistance Temperature in High Environment	Max. 80°C

ROOF PAINT
Roof Waterproofing Liquid Membrane

Product Description
It is an elastomeric based water based, one component, flexible waterproofing material with high UV resistance.

Areas of Use
— It is used for waterproofing on bitumen-based, carrier, corrugated, terrace and roof surfaces.
— On roofs and terraces; In slate stone coated
— membrane applications,
— On new and old roofs,
— It can be used for waterproofing in sheet metal panel applications.

Application Instruction
— The surfaces to be applied to Roof Paint should be free from dirt, oil, loose and spilled paint and other foreign materials. All cracks, joints, skirts and roof leaks should be repaired, and necessary arrangements should be made in degraded, damaged, leaky areas.
— Mix the Roof Paint during the application.
— Do not apply at temperatures below +10 °C.
— Application should be done in two layers; each layer should be painted perpendicular to the previous layer.
— It is sufficient to apply a single coat on bitumen-based surfaces.
— Two layers of application should be made in sheet metal panel applications.

Thinning
— It is used by thinning maximum 20% on bitumen carrier surfaces. 500 gr / m²
— In sheet metal panel applications, it is applied to m2 without thinning two layers. 600 gr/m²

Application Requirements
— The ambient temperature should be between +10 °C and +35 °C.
— It should not be applied on surfaces with a risk of rain or frost within 24 hours.

Application Tools
Roll

Warnings & Suggestions
— Foreign materials must not be added.
— Gloves should be used during application.
— If the product comes into contact with the eyes and skin, it should be washed with plenty of water.

Consumption
500 gr / m² in each layer

Packaging
20 kg PE pucket

Shelf Life
1 year from the date of production in drought and dry environments

Color
Red / Green Blue / Gray

Pool Paint
Pool Insulation Paint

Product Description
It is a one-component, water-based, blue-colored, resin-based pool paint.

Areas of Use
— On concrete, plaster and screed,
— In pools, water tanks, water reservoirs, metal tanks and water cisterns,
— Ornamental pools, ponds, dams, water channels,
— In treatment and balance tanks.

Advantage
— It is not affected by water and water pressure.
— It is elastic, It does not crack, It does not swell, peel.
— It is not affected by UV rays and pool chemicals.
— It is extremely resistant to alkali and chlorine. Its color does not fade with time, it does not deteriorate underwater, it does not erode.

Application Instruction
— The surface should be clean, dry and free from foreign substances such as dirt, oil, coating, surface curing materials.
— Surface repairs, filling of gaps/holes must be done with Newkim Repair Mortar.
— Concrete and plaster coated surfaces must primed with Newkim Pool Point Primer before application.
— It should be applied with a roller and left to dry.
— The second coat should be made after 24 hours after the first coat is dry.
— The pool should be left to full cure for 1 week before filling it with water.

Thinning
It is ready for use.

Specifications
— Volumetric Solids %: 60 ± 2%
— Density :1.3 - 1.4 gr/ml
— Solids Ratio: 60%

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours

Application Tools
Roll

Warnings & Suggestions
— Never dilute with water or other chemicals.
— Avoid application under strong wind or sun.

Consumption	Packaging	Shelf Life	Color
1 kg/m²	*20 kg. PE Bucket*	*1 year in dry and cool environment*	*Blue (in other colors when desired*

Pool Primer
Pool Insulation Paint Primer

Product Description
It is an acrylic based, surface adhesive primer prepared for Pool Paint.

Areas of Us
— On concrete, plaster and screed,
— In pools, water tanks, water reservoirs, metal tanks and water cisterns,
— Ornamental pools, ponds, dams, water channels,
— In treatment and balance tanks.

Advantages
— It is not affected by water and water pressure.
— It is elastic, It does not crack, It does not swell, peel.
— It is not affected by UV rays and pool chemicals.
— It is extremely resistant to alkali and chlorine.
— Its color does not fade with time, it does not deteriorate underwater, it does not erode.
— It can be easily applied by anyone.

Application Instruction
— The surface should be clean, dry and free from foreign substances such as dirt, oil, coating, surface curing materials.
— Surface repairs, filling of gaps/holes must be done with Newkim Repair Mortar.
— Concrete and plaster coated surfaces must be primed with Newkim Pool Point Primer before application.
— It should be applied with a brush or roller and left to dry.

Product Preparation (Mix)
It is ready for use.

Specifications
— Volumetric Solids %: 60 ± 2%
— Density :1.15 - 1.30 gr/ml

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Application Tools
Rol

Warnings & Suggestions
— Never dilute with water or other chemicals.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— The surface temperature to be applied must be between +5 °C and +35 °C.

Consumption
500 gr. / m²

Packaging
20 kg. PE Bucket

Shelf Life
1 year in dry and cool environment

Color
Blue (in other colors when desired

Elastomeric Basic Waterproofing

Product Description
It is a specially formulated, flexible, UV resistant new generation waterproofing material, acrylic based, in order to make curtain concrete waterproof.

Areas of Use
— In all horizontal and vertical floors,
— In concrete, plaster, brick, tile, gas concrete, briquette, foundation and curtain wall bundling, basement, foundation insulation, (positively) dilution of surface joints, where water and moisture impermeability is required in buildings,
— In plaster cracks and pipe joints, repairing
— Wall cracks in the foundation,

Preparation of the Surface
— Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
— When necessary, it should be cleaned with pressurized water. The surface to be applied should be dry and clean without moisture.
— The foundations and surfaces to be applied must have a slope that will not make the pond.
— Mold defects on the surface should be corrected with Newkim Repair Mortar 1 day in advance.
— Residues such as iron and nails on the surface should be shaved.
— Otherwise, the consumption may increase.

Application
— Primer coat application; After the required surface preparation is completed, it should be applied on the surface with a roller.
— Mezzanine application; After primer coat application, it is applied as a layer by brush or roller, without diluting with water, to cracks on concrete bottoms, vertical joints, cracks or critical points that may possibly crack in the future.
— After the application, the net application is started. After applying the net, a thin layer is applied with the roller. It is left to dry. (The net to be used must be Newkim Brand White color net.)
— Normal coat application; Application should be done in such a way as to close the pores of the net.
— A minimum of 24 hours between the layers should be expected and the application layer should be 90° perpendicular to the layer that was first applied.
— Application surfaces should be protected from rain, frost, pedestrian and vehicle traffic for at least 48 hours.
— Each layer should not be applied without drying the other, the application should be done within 3 separate times.
— Due to the cold weather conditions during the winter months, drying times may be longer. (The waiting time between layers may increase.)

Application Details
Reinforced concrete curtain walls;
The application should be protected from soil and rock filling from construction excavation. (Wall knitting, sandbag laying, polystyrene foam lining etc.)

Consumption
Product; 1.5 kg / m²
Plaster Net; 1.1 m / m²

Application Requirements

— The ambient temperature should be between +10 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— Application should be avoided at temperatures below + 10 °C. Otherwise, it is too late to dry, and the curing time of the material is extended.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Application Tools

Roll

Warnings & Suggestions

— Foreign materials must not be added.
All applied surfaces must be protected with similar coatings such as EPS, XPS or drainage board in order to show performance and required resistance against external influences.
— Gloves should be used during application.
— If the product comes into contact with the eyes and skin, it should be washed with plenty of water.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	Black
Application Temperature	+10°C / +35°C
First Drying	Max. 24 hours / Min. 4 hours
Second Layer Drying	Max 24 hours / Min. 12 hours
Full Dry	Max. 48 hours / Min. 24 hours
Breaking Elongation	Min. % 600 (DIN 53455)
Mechanical Strength Gaining Time	7 days
Waterproofing Time Low Resistance	7 days
Temperature in High Environment	-10°C
Resistance Temperature in High Environment	Max. 80-90°C

S-705 **Impregnation Transparent Waterproofing**

Product Description
Transparent, solvent based waterproofing which gives water repellent properties to the surface where it is used.

Areas of Use
— It prevents water leakages by strengthening the areas where horizontal and vertical grouting is applied on all kinds of concrete surfaces.
— It is suitable for use on interior and exterior surfaces.

Advantages
It provides waterproofing by forming a waterproof film layer on the applied area. It has high UV resistance.

Preparation of the Surface
— The surface to be covered must be clean and solid.
All foreign substances that will counteract adhesion should be cleaned**.**

Application Details
— It is ready for use.
— It allows very comfortable application with roller or brush.
— It can be applied very comfortably by everyone.
— The application must be made in two layers.
— 1 hour between layers should be expected.

Thinning
— It is ready for use.
— It does not require thinning.

Application Requirements
The application must be made in two layers.

Application Tools
Roller, brush

Warnings & Suggestions
— Foreign materials must not be added.
— The product cover should not be left open.
— Avoid contact with eyes and skin.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Content	Solvent based resin
Thinning	Ready for use.
Mixture Density	0.80 - 0.85 gr/cm³l
Application	+5°C / +35°C
Temperature	30-40 minutes
Drying Time Touch	2 hours
Time Full Drying	24 hours

Consumption
En az iki kat uygulama yapılır. Her bir kat için 200 gr/m²

Packaging
1 - 3.5 - 5 kg. Tin Box

Shelf Life
1 year from the date of production in drought and dry environments

Color
Transparent

Joint Filler 1-6 mm.

Product Description
It is a white cement based joint filling material produced in accordance with TS EN 13888 (March 2010) CG1 standards**.**

Areas of Use
It is used in grouting applications up to 1-6 mm width of ceramic, tile and similar coating materials.

Application Surfaces
— Indoor wall and floor,
— Outdoor floor.
— Consult us for all other application surfaces.

Advantages
— It provides safe application in joints between 1-6 mm.
— It allows easy application.

Preparation of the Surface
In order to provide a homogeneous drying, dust, sawdust, construction cement residues that can be found between the joint cavities should be scraped using a thin stick and cleaned with a brush before applying the joint.
Especially on the walls, joint gaps should be moistened before application.

Preparation of Mortar
— 20 kg. Newkim Joint Filler (1-6mm) is used in approximately 6-7 liters of clean water and used in a way that no lumps remain, preferably with a low speed mixer or trowel. It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

Application Details
— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel.
— In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened sponge-tip spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Newkim Joint Filler is wet.

Application Limit
— It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.
— It is not applicable in swimming pools.
— It is not applied on floors suitable for deformation such as underfloor heated floors. (Newkim Silicone Flex Joint should be used).
— It is not applied on surfaces (terrace, balcony, etc.) exposed to climatic changes and difficult conditions.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

Application Tools

Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

Warnings & Suggestions

— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
After application, all tools used should be washed with water before drying.
— Since it can cause yellowing in white and light colored joint fillings, keeping the ceramics in water should be avoided before application.
— It can be produced in any color.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2

Appearance	White Colored Fine Powder
Powder Density	1.2 kg. / Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 20 kg. Powder 5-10 minutes
Resting Time Pot Life	Approximately 1 hour
Full Drying Time	24 hours
Opening Time of the Ground to Traffic	24-48 hours
Application Temperature	+5°C / +35°C
Time to Use Wear	After 24 hours on the wall / 48 hours on the floor
Resistance Bending	≤ 2000 mm³
Distribution	≥ 2.5 N/mm³
Compressive Strength	≥ 15 N/mm³
Shrinkage	≤ 3.0 mm/m
Water Absorption	30 min. ≤ 5 gr / 240 min. ≤ 10 gr

Silicon Flex Joint Filler
1-6 mm.

Product Description
Silicone filled, high performance colored, cement based, developed with special polymer additives, grouting mortar.

Areas of Use
It is used in joint applications of ceramic, tile, natural stone, granite ceramic, marble and similar coating materials up to 1-6 mm wide.

Application Surfaces
— Indoor wall and floor,
— Outdoor floor.
— Consult us for all other application surfaces.

Advantages
— Thanks to the newly developed formula structure with silicon doped;
— Provides higher performance against contamination,
— Easy to clean,
— Has high water repulsion,
— It provides maximum resistance against abrasion and resists mold and fungus formation,
— It is used in places with heavy pedestrian and load traffic, sudden temperature changes such as exterior facade, balcony, terrace, under-heated system, warehouse,
— It gives perfect results in wet areas such as bathrooms, showers, toilets, easily polluted places such as kitchens, horizontal and vertical applications.

Preparation of the Surface
— In order to provide a homogeneous drying, Use Wet Floor Flex Joint Filler.)
— Cement residues should be scraped using a thin stick and cleaned with a brush.
— Especially on the walls, joint gaps should be moistened before application.

Preparation of Mortar
— 20 kg. Silicon Flex Joint Filler (1-6mm) is used in approximately 6-7 liters of clean water and used in a way that no lumps remain, preferably with a low speed mixer or trowel.
— It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

Application Details
— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel. In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Newkim Silicone Flex Joint Filler is wet..

Application Limit
— It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.
— Before applying the joint, dust, sawdust, It is not applicable in swimming pools. (Use Pool and Wet Floor Flex Joint Filler.)

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

Application Tools

— Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

Warnings & Suggestions

— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
— Materials sensitive to stain, such as natural stone and granite ceramics, should be protected with ceramic shielding before application so that they are not affected by the colored Newkim Silicon Flex Joint.
— After application, all tools used should be washed with water before drying.
— Gloves should be worn in order to prevent hands from being painted in colored grouting applications.
— In order not to damage colored joint fillers, it should be avoided to apply cleaning materials such as bleach, spirit of salt, lime remover on the joints.
— Wiping should be done carefully as the thin joint filling layer that may remain on the surface after application will affect the color homogeneity negatively.
— Since it can cause yellowing in white and light colored joint fillings, keeping the ceramics in water should be avoided before application.

Teknik Bilgi

Teknik Bilgiler; 23°C (±2°C)'de %55 (±5°C) bağıl nem ortamına göredir.

Appearance	White Colored Fine Powder
Powder Density	1.2 kg. / Lt. (±0.1)
Water Mixing Rate	6-7 lt. water / 20 kg.
Resting Time	5-10 minutes
Pot Life	Approximately 1-1.5 hours
Full Drying Time	24 hours
Opening Time of the Ground to Traffic	24-48 hours
Application Temperature	+5°C / +35°C
Time to Use	After 24 hours on the wall / 48 hours on the floor

Consumption
See the Consumption Table.

Packaging
20 kg. Kraft Bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
White or Colored

Flex Wide Joint Filler (6-20 mm)

Product Description
Cement-based, polymer-added, elastic, high-performance, wide and deeply applicable joint filler.

Areas of Use
It is used in interior spaces, horizontally and vertically, to fill the gaps between granite, ceramic, tiles, marble, stone and similar coating materials up to 20 mm width.

Application Surfaces
— Interior wall and floor,
— Outdoor floor.
— Consult us for all other application surfaces.

Advantages
— It is resistant to water and frost.
— Suitable for use where heat differences are intense.
— It provides high performance with its elasticity property.
— It allows application up to 20 mm thick.

Preparation of the Surface
In order to provide a homogeneous drying, Before applying the joint, dust, sawdust,
It is not applicable in swimming pools. (Pool and construction cement residues that can be found in the joint spaces should be scraped using a thin stick and cleaned with a brush. Especially on the walls, joint gaps should be moistened before application.

Preparation of Mortar
— 20 kg. Newkim Joint Filling material (1-6mm) into approximately 6-7 lt of clean water Use Wet Floor Flex Joint Filler.)
— it is preferably used with a low-speed mixer or trowel so that no lumps are left.
— It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

Application Details
— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel.
— In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Flex Wide Joint is wet.

Application Limit
It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.

Application Requirements

— Ambient temperature is between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

Application Tools

Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

Warnings & Suggestions

— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
— Materials sensitive to stain, such as natural stone and granite ceramics, should be protected with ceramic shielding before application so that they are not affected by the colored Newkim Flex Joint.
— Joint protection should be used on frequently cleaned surfaces such as kitchen countertops in order to maintain the color of the joint fill used on the floors and to ensure long life.
— After application, all tools used should be washed with water before drying.
— Gloves should be worn in order to prevent hands from being painted in colored grouting applications.
— In order not to damage colored joint fillers, it should be avoided to apply cleaning materials such as bleach, spirit of salt, lime remover on the joints.
— Wiping should be done carefully as the thin joint filling layer that may remain on the surface after application will affect the color homogeneity negatively.
— Since it can cause yellowing in white and light-colored joint fillings, keeping the ceramics in water should be avoided before application.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White and Colored Fine Powder
Powder Density	1.2 kg. / Lt. (±0.1)
Water Mixing	6-7 lt. water / 20 kg.
Rate Resting Time	Powder 5-10 minutes
Pot Life	Approximately 1-1.5 hours
Full Drying Time	24 hours
Opening Time of the Ground to Traffic	24-48 hours
Application Temperature	+5°C / +35°C
Time to Use	After 24 hours on the wall / 48 hours on the

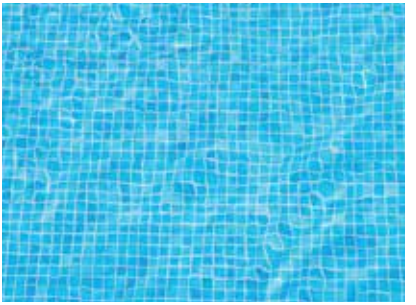
Consumption
See the Consumption

Packaging
20 kg. Kraft Bag

Shelf Life
1 year from the date of production in drought and dry

Color
White or Colored

Pool and Wet Floor Flex Joint Filler (1-6 mm)



Product Description
It is a flexible joint filler mortar that has the feature of specially selected fillers and chemicals, which can be treated indoors and outdoors, maintaining a smooth surface and impermeability after freezing-thawing.

Areas of Use
— In interior spaces, on all wet floors, on all kinds of flooring plates with adhesive group,
— In water tanks, swimming pools and shocking facilities
— Indoors (bathroom, toilet, kitchen, sauna, etc.)
— Outdoors (pool),
— It is used in horizontal and vertical filling of granite, ceramic, tile, marble, stone and similar coating materials up to 1-6 mm width.

Application Surfaces
— Interior wall and floor,
— Outdoor floor.
— Consult us for all other application surfaces.

Advantages
— It provides excellent adhesion in jointing processes without cracking.
— It is easy to prepare and apply.
— It does not distort and scratch the exterior appearance of the glazes on its surface.
— Processing time after preparation is long. It's waterproof.
— It absorbs vibrations.
— It is resistant to soap and detergents.

Preparation of the Surface
— In order to provide a homogeneous drying, dust, sawdust, construction cement residues that can be found between the joint cavities should be scraped using a thin stick and cleaned with a brush before applying the joint.
— Especially on the walls, joint gaps should be moistened before application.

Preparation of Mortar
— 20 kg. Newkim Pool and Wet Floor Joint Filler (1-6mm) is used in approximately 6.5-7.5 liters of clean water and used in a way that no lumps remain, preferably with a low speed mixer or trowel.
— It is rested for about 5-10 minutes for the grout maturation in the prepared dark consistency and mixed again.
— The mixture in the container should be consumed in about 1 hour.

Application Details
— The mortar should be filled into the joint cavities with a hard rubber tipped grout or a hard rubber-based joint spreading trowel.
— In order to fill the gaps thoroughly, it must be drawn parallel then cross.
— The excess of the mortar on the surface should be stripped with a soft-tipped spatula or a dampened sponge-tip spatula, after waiting for 15-30 minutes according to the ambient temperature, then a thin layer of joint should be cleaned thoroughly by wiping with a damp sponge.
— Surface smoothing and cleaning should be done with a dry cloth when Newkim Pool and Wet Floor Joint Filler is wet.

Application Limit
It is not applied in places that are exposed to high pressure (> 100 bar) and chemicals and require hygiene.

Application Requirements
— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— It should not be applied under direct sun, strong wind or on hot surfaces.

Application Tools
Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, squeegee, sponge, brush.

Warnings & Suggestions
— In order to achieve high performance, it is recommended to moisten the application area with water the next day.
— After application, all tools used should be washed with water before drying.
— Gloves should be worn in order to prevent hands from being painted in colored grouting applications.
— In order not to damage colored joint fillers, it should be avoided to apply cleaning materials such as bleach, spirit of salt, lime remover on the joints.
— Wiping should be done carefully as the thin joint filling layer that may remain on the surface after application will affect the color homogeneity negatively.
— Since it can cause yellowing in white and light colored joint fillings, keeping the ceramics in water should be avoided before application.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White Colored Fine Powder
Powder Density	1.2 kg. / Lt. (±0.1)
Water Mixing	6.5-7.5 lt. water / 20 kg. Powder
Rate Resting Time	5-10 minutes
Pot Life	Approximately 1-1.5 hours
Full Drying Time	24 hours
Opening Time of the Ground to Traffic	24-48 hours
Application Temperature	+5°C / +35°C
Time to Use	After 24 hours on the wall / 48 hours on the floor

Consumption
See the Consumption Table

Packaging
20 kg. Kraft bag.

Shelf Life
1 year from the date of production in drought and dry environments

Color
White or Colored

Joint Filler Consumption Table

Joint filling width (mm)	Joint filling depth (mm)	Ceramic dimensions (mm)	Consumption (gr /m²)	Joint filling width (mm)	Joint filling depth (mm)	Ceramic dimensions (mm)	Consumption (gr / m²)
1	6	100x100	200	7	7	200x200	860
1	6	100x200	250	7	7	250x250	690
1	9	100x200	150	7	8.5	300x300	700
1	6	150x150	170	7	9	300x600	550
1	8	200x200	120	7	7	330x330	520
1	9	200x250	130	7	9	330x500	560
1	8	200x300	100	7	9	400x400	550
1	8	250x330	100	7	12	600x600	500
1	9	300x300	400	7	15	150x300	1850
2	6	100x100	300	7	15	250x250	1500
2	6	100x200	500	7	18	300x300	1500
2	9	100x200	270	10	7	200x200	1230
2	6	150x150	340	10	7	250x250	1000
2	8	200x200	250	10	8.5	300x300	1000
2	9	200x250	250	10	9	300x600	860
2	8	200x300	200	10	7	250x250	750
2	8	250x330	200	10	9	330x500	800
2	9	300x300	600	10	9	400x400	800
3	6	100x100	500	10	1	600x600	700
3	6	100x200	750	10	15	150x300	2650
3	9	100x200	400	10	15	250x250	2100
3	6	150x150	500	10	18	300x300	2100
3	8	200x200	360				
3	9	200x250	400				
3	8	200x300	300				
3	8	250x330	300				
3	7	300x300	500				
4	7	200x200	400				
4	8.5	250x250	400				
4	9	300x300	320				
4	7	300x600	300				
4	9	330x300	320				
4	9	330x500	315				
4	12	400x400	280				
4	15	600x600	1050				
4	15	150x300	850				
4	18	250x250	850				
4	7	300x300	620				
5	7	200x200	500				
5	8.5	250x250	500				
5	9	300x300	400				
5	7	330x330	380				
5	9	330x500	400				
5	9	400x400	400				
5	12	600x600	350				
5	15	150x300	1350				
5	15	250x250	1050				
5	18	300x300	1050				

Joint Filling Colors

Product Code	Name of the Product	Color
		1. GROUP
30302-BJ	NEW BEJ	
30302-BHB	NEW BAHAMA	
30302-GR	NEW GRİ	
30302-KPB	NEW KAPADOKYA	
30302-KR	NEW KREM	
		2. GROUP
30302-AVB	NEW AVANOS	
30302-ANT	NEW ANTRASİT	
30302-HM	HAVUZ MAVİ	
30302-KRM	NEW KİREMİT / COTTO	
30302-SK	NEW SÜTLÜ KAHVE	
		3. GROUP
30302-SY	NEW BLACK	

Fine Repair Mortar
1-5 mm.

Product Description
Cement-based, polymer-doped, high performance, fine repair and leveling mortar for gross concretes.

Areas of Use
— It is used as a concrete repair and leveling mortar on the interior and exterior facades, walls and ceilings of all structures.
— It is also used as repair plaster on surfaces before granite and ceramic application.

Application Surfaces
Indoor and outdoor;
— Cement based plasters,
— Gross concrete,
— Consult for all other application surfaces.

Advantages
— It has high resistance against water, frost and bad weather conditions.
— It increases adherence on concrete and plastered surfaces.
— It offers smooth and easy application in large
— areas.
It allows convenient use on vertical surfaces.

Preparation of the Surface
— The surface must be clean, firm and moist, absolutely free of mold oils.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

Preparation of Mortar
— 25 An average of 5.5-6.5 lt of clean water should be added to the kg bag of Newkim Thin Repair Mortar.
— The mortar should be mixed with a trowel or a low-speed hand mixer until it becomes homogeneous.
— The mixture should be left for 2 minutes before the application and should be mixed and applied again.
— Newkim Thin Repair Mortar should be applied with the help of a steel trowel to the whole surface in equal thickness.

Application Details
— Water should not be added to the hardening mortar.
— If more than one layer is to be applied, 6 hours between layers should be waited and the surface should be moistened before the application of the next layer.
— The total thickness should not exceed 10 mm. Surface smoothness should be provided by plastic trowel or damp sponge.
— After application, the surface should be moistened for 2-3 days.

Application Requirements

— The surface and ambient temperature should be between +5°C and +35°C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

Application Tools

Hand mixer, steel trowel, polishing trowel, steel wire brush.

Warnings and Recommendations

— The specified periods are valid at 23 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— Previously prepared slightly hardened materials should not be included in the new mixture.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	White, and Grey Powder
Time To Use	2 hours
Water Mixture Ratio	5.5-6.5 lt. water / 25 kg. Powder
Layer Thickness to be Applied (at once)	Maximum 5 mm
Application Thickness	1-10 mm.
Waiting Between Layers	min. 6 hours
Compressive Strength	>15 N/mm² (28 days later)
Bending Strength	>3 N/mm² (28 days later)
Adhesion Strength	>1 N/mm² (28 days later)

Thick Repair Mortar
5 mm and Plus

Product Description
It is a cement based, polymer-added, thick repair mortar used for plaster, crack and hole repairs in interior and exterior spaces, plaster and concrete surfaces for plastering purposes.

Areas of Use
— It is used as a concrete repair mortar on the interior and exterior facades, walls and ceilings of all structures.
— It is used as repair plaster on surfaces before granite and ceramic application.

Application Surfaces
Indoor and outdoor surface;
— Cement based plasters,
— Gross concrete,
— Consult for all other application surfaces.

Advantages
— It provides excellent adherence on concrete and plastered surfaces.
— It provides application opportunity on large surfaces with its easily gaugable structure.
— It is not affected by water and has excellent resistance to climate conditions.
— It provides vertical and horizontal repair of concrete building elements.

Preparation of the Surface
— The surface must be clean, firm and moist, absolutely free of mold oils.
— Before application, the surface must be moistened and saturated with water in very hot and windy weather.

Preparation of Mortar
— An average of 5.5-6.5 lt of clean water should be added to the 25 kg bag of Newkim Thick Repair Mortar.
— The mortar should be mixed until it becomes homogeneous with the help of a trowel or a low-speed hand mixer.
— The mixture should be kept for 2 minutes before the application and should be mixed again and started to be applied.
— Newkim Thick Repair Mortar should be applied with the help of a steel trowel to the whole surface in equal thickness.

Application Details
— Water should not be added to the hardening mortar.
— If more than one layer is to be applied, 6 hours between layers should be waited and the surface should be moistened before the application of the next layer.
— The total thickness should not exceed 20 mm.
— Surface smoothness should be provided by plastic trowel or damp sponge.
— After application, the surface should be moistened for 2-3 days.

APPLICATION REQUIREMENTS

— Make sure that the surface and ambient temperature are between +5°C and +35°C.
— Avoid application under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

APPLICATION TOOLS

Hand mixer, steel trowel, polishing trowel, steel wire brush.

WARNINGS AND RECOMMENDATIONS

— The specified periods are valid at 23 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— Previously prepared slightly hardened materials should not be included in the new mixture.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	White, and Grey Powder
Time To Use	2 hours
Water Mixture Ratio	5.5-6.5 lt. water / 25 kg.
Layer Thickness to be Applied (at once)	Powder Min. 5 mm
Application Thickness	5-20 mm.
Waiting Between	min. 6 hours
Layers Compressive Strength	>15 N/mm² (28 days later)
Bending Strength	>3 N/mm² (28 days later)
Adhesion Strength	>1 N/mm² (28 days later)

Consumption
4-5 kg / m² depending on the surface

Packaging
25 kg. Kraft Bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
White
Gray

Ready Screed

Product Description
It is a cement mortar, ground mortar produced with high quality granulometric sand, applied manually and pumped with machinery,with high compressive strength.

Areas of Use
— In the interior floors of all buildings subject to medium and heavy pedestrian traffic,
— It is used in places where it is desired to create a suitable floor before finishing coat, ceramic, parquet laminant, pvc

Advantages
— It is ready for use.
— It saves time and labor.
— It allows application by hand and screed machine.

Preparation of the Surface
— The surface should be clean, dry, smooth and firm.
— Paint, plaster, concrete and any adhesive residues should be scraped out.
— The surface must be cleaned from dust by sweeping.
— Regional defects should be repaired with Newkim Repair Mortar.

Preparation of Mortar
— 25 kg Newkim Ready Screed should be added to 5-6 liters of clean water and mixed with a low speed hand mixer until it reaches a homogenous consistency.
— The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.

Application Details
— It is laid on the surface of 2-5 cm thick and gauged by hand using a screed machine. Applied manually and pumped with machinery,
— When the surface is set, correction is made by with high compressive strength.
— One day before the application, the floor should be wetted and if the floor to be treated has a water absorbent feature, it should be moistened and applied.
— On old concrete surfaces, the surface should be primed with Newkim floor lining.
— Newkim Ready screed should be applied in 2 - 5 cm thickness.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— 24 It should not be applied on surfaces that are in danger of frost within 24 hours

Application Tools

Spreading equipment, trowel tray, trowel blade, helicopter.

WARNINGS AND RECOMMENDATIONS

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar. Expired mortars should not be mixed with water or dry mortar and used again. Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is a cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Gray colored rough
Powder Density	1600 kg/m³ (± 0.1)
Application Temperature	+5°C ile 35°C between
Grain Size Distribution	0 - 3 mm
Bending Strength	> 2 N/mm² (28 days)
Compressive Strength	> 10 N/mm² (28 days)
Opening to Pedestrian Traffic	24 hours 20°C

Light Screed

Product Description
It is a cement-based, high-quality floor mortar, which is produced with high quality granulometric sand, can be applied by hand and pumped with machinery, and does not give much weight to the structure.

Areas of Use
— In the interior floors of all buildings subject to medium and heavy pedestrian traffic
— It is used in places where it is desired to create a suitable floor before finishing coat, ceramic, parquet laminate, pvc.

Advantages
— It is ready for use.
— It saves time and labor.
— It allows application by hand and screed machine.

Preparation of the Surface
— The surface should be clean, dry, smooth and firm.
— Paint, plaster, concrete and any adhesive residues should be scraped out.
— The surface must be cleaned from dust by sweeping.
— Regional defects should be repaired with Newkim Repair Mortar.

Preparation of Mortar
— 25 kg of Newkim Light Screed should be added to an average of 5.5-6.5 liters of clean water and mixed with a low speed hand mixer until it reaches a homogenous consistency.
— The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.

Application Details
— It is laid on the surface of 2-5 cm thick and gauged by hand using a screed machine.
— When the surface is set, correction is made by mechanical finishing.
— The floor should be wet 1 day before the application.
— If the floor has a water absorbent feature, application should be done by moistening it.
— On old concrete surfaces, the surface should be primed with Newkim floor lining.
— Newkim Light screed should be applied in 2 - 5 cm thickness.

Application Requirements

— Ambient temperature is between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Spreading equipment, trowel tray, trowel blade, helicopter.

Warnings and Recommendations

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is a cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Gray colored rough powder
Powder Density	1350 kg/ m³ (±0.1)
Application Temperature	+5°C ile 35°C between
Grain Size Distribution	0 - 3 mm
Bending Strength	> 1 N/mm² (28 days)
Compressive Strength	> 7 N/mm² (28 days)
Opening to Pedestrian Traffic (At 20°C)	24 hours

Consumption
12-15 kg / m² for 1 cm thickness

Packaging
25 kg. Kraft Bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
Gray

Anchor Fixing and Fluid Grout Mortar

Product Description
It is a cement based, self-leveling Anchorage and Fixing and Fluid Grout mortar used for fixing machines.

Areas of Use
— Anchoring of machine feet,
— In repairs requiring early and high strength, In high bearing capacities and bearing elements of the carrier,
— In fixing traffic lights, signs and road poles, bridge parapets and safety anchors in road and bridge connections, placing sewer and channel plates,
— Filling the connection and bearing circles,
— It uses in the construction of steel structures, where concrete and steel converge,
— Repairing concrete floors exposed to vehicle and pedestrian traffic,
— For raising manhole and manhole covers,
— It is applied in the fixing of curbside and paving stones.

Application Surfaces
Indoor and outdoor floors;
— Cement based screed,
— Concrete flooring, Prefabricated concrete,
— Consult us for other application surfaces.

Advantages
— It shows high adherence and durability shortly after application.
— It is highly fluid and does not self-set and shrink.
— It provides resistance against abrasion and impacts on concrete surfaces and joint edges.
— It reaches high pressure and bending strength values in a short time.

Preparation of the Surface
— The floor surface to be applied must be clean and free from dirt, dust and weak particles.
— The mold to be applied must be fixed, sealed and cleaned very well.
— If the application is to be done on old concrete, the surface must be moistened before application.
— Small puddles should be avoided. Enough material should be prepared to be used considering the working time.

Preparation of Mortar
— 25 kg Newkim Anchor Fixing and Fluid Grout Mortar should be poured into the container with an average of 5 liters of clean water
— slowly and mixed for about 1-3 minutes with
— a low speed hand mixer until it reaches a homogenous consistency. Water should not be added to the hardening mortar.
— The grout in the fluid structure must be poured continuously from one side of the mold that is already prepared.
Air compression in the mixture should be avoided.
— To ensure that all gaps in the mold are filled, placement must be done using a steel wire with a hooked end.

Application Details

— Wide surfaces open to external weather conditions should be protected from sunlight and wind by covering them with a cloth for 48 hours.
— Enough material should be prepared to be used considering the working time.
— The vibrator should not be used. The specified periods are valid at 20 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— After application, the surface should be moistened for 2-3 days.

Application Requirements

— The surface and ambient temperature should be between +5°C and +35°C.
— Avoid application under strong wind or sun. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

Application Tools

Hand mixer, iron trowel.

Warnings & Suggestions

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— It cannot be applied on wood coatings, metal coatings and moisture-exposed surfaces.
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is a cement-based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Fine Grey Powder
Powder Density	1600 ± 100 Kg./m³
Water Mixture Ratio	5-5. 5 lt. water / 25 kg.
Pot Life	Powder maximum 15 minutes
Time to Use	6 hours later
Application Time (Pot Life)	10-15 min.
Application Thickness	Min. 5 mm, Max. 40 mm
Waiting Time Between Coats	1 hour
Full Curing Time	28 days (+20°C)
Wet Unit Weight Adhesion	2000 ± 100 Kg./m³
Strength Compressive	> 1,4 N/mm² (28 days)
Strength Bending Strength	> 40 N/mm² (28 days)
Flexural Strength	> 10 N/mm² (28 days)

Consumption
17.5 kg / m² for 1 cm

Packaging
25 kg. Kraft Bag

Shelf Life
8 months from the date of production in drought and dry

Color
Gray

Fast Setting Fluid Grout Mortar

Product Description
It is a cement based, high fluency properties, resistant to climatic conditions, non-shrinking, water impermeable fluid grout mortar.

Areas of Use
— Concrete surfaces where quick results are required,
— In repairs, foundations in beam column cracks,
— Retaining walls, step edges, PVC assembly, door assembly, manhole covers, balcony fractures,
— Repair of runways and platforms,
— Repair of concrete floors exposed to traffic and vehicles,
— It is used in the repair of curbs and paving stones.

Application Surfaces
Indoor and outdoor floors;
— Cement based screed,
— Concrete flooring,
— Prefabricated concrete.
— Consult us for other application surfaces.

Advantages
— It provides high adherence and durability shortly after application.
— It is highly fluid and does not self-settle and shrink.
— Setting up in 5 minutes and you can open it to traffic after 30 minutes.

Preparation of the Surface
— The floor surface to be applied must be clean and free from dirt, dust and weak particles.
— The mold to be applied must be fixed, sealed and cleaned very well.
— If the application is to be done on old concrete, the surface must be moistened before application.
— Small puddles should be avoided. Since the material will be set fast, enough material must be prepared to be applied.

Preparation of Mortar
— 25 kg of Fast Setting Fluid Grout Mortar 4.5 lt of clean water should be added.
— Mixture water should be in the range of 20-25°C.
— Newkim Fast Setting Fluid Grout Mortar should be mixed with a low speed hand mixer for about 1-2 minutes until it reaches a homogenous consistency.
— Extra water should not be added to the hardening mortar.
— It should be taken into consideration that the setting time will be reduced at high temperatures.
— Pre-prepared coarse Newkim Fluid Grout Mortar should be poured and used.

Application Requirements

— The surface and ambient temperature should be between +5°C and +35°C.
— Avoid application under strong wind or sun. It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— The specified periods are valid at 23 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.

Application Tools

— Hand mixer, Steel trowel, spatula

Warnings and Recommendations

— After application, tools should be cleaned with water while the material is in fresh condition.
— The packaged product should not be stored in humid environments.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Grey Granulated Powder
Powder Density	1600 ± 100 Kg./m3
Water Mixture Ratio	4.5 lt. water / 25 kg. Powder
Pot Life	Maximum 5 minutes
Time to Use	30 minutes
Application Thickness	Min. 5 mm, Max. 40 mm
Adhesion Strength	2 N/mm² (28 days later)
Pressure Strength	≥ 15 N /mm² (1 hour later)
	≥ 28 N /mm² (24 hours later)
	≥ 45 N/mm² (7 days later)
	≥ 60 N/mm² (28 days later)
Bending Resistance	≥ 4,5 N/mm² (24 hours later)
	≥ 7,5 N/mm² (2828 days later)

Self-Leveling Leveling Screed

Product Description
It is a cement based, easy to apply, self-leveling screed.

Areas of Use
It is used as a levelling screed before finishing on the interior floors of all buildings subject to heavy traffic.

Application
Surfaces Indoors;
— Cement-based screed,
— Concrete flooring,
— Prefabricated concrete.

Advantages
— Suitable for floors subject to heavy pedestrian traffic.
— It is suitable for leveling disorders between 1 and 5 mm.
— It shows perfect propagation.
— It doesn't crack and blister.
— It provides smooth surface.
— You can walk on it 2 hours after the application.
— It can be applied by pump.

Preparation of the Surface
— The surface should be clean, dry, smooth and firm.
— Paint, plaster, concrete and any adhesive residues should be scraped out.
— The surface should be dust-free by aspiration and/or sweeping.
— Regional defects should be repaired with Newkim Repair Mortars.
— The surface should be primed with Newkim SBR-404 Curing Fluid at least 30 minutes before the application of Newkim Leveling Screed.

Preparation of Mortar
— 25 kg. An average of 6.5-7 lt of clean water should be added to Newkim Self-Leveling Leveling Screed.
— The Newkim Self-Levelling Screed should be mixed for about 3 minutes with a low speed hand mixer until it reaches a homogenous consistency.
— The prepared mortar should be emptied onto the ground and wiped to fill the roughness of its surface.
— The Newkim Self-Levelling Screed spreads itself.
— It should be adjusted with a thick trowel.
— The spreading material should be flattened with a porcupine roll if necessary.
— If the mixer is applied with the pump, the width of the area should not exceed 6 meters in order not to disrupt the spread of the material together.

Application Limit
— It is not applied on floors that are constantly wet or exposed to moisture.
— It is not applied on non-durable and loose surfaces.
— It is not applied in outdoor and industrial areas.
— It is not applied on wooden floors. It is not left as a final coat.

Application Requirements
The ambient temperature should be between +5 °C and +35 °C.

Post-Application Options
— Wood, laminated or laminate parquet, ceramic, carpet, PVC coatings can be applied on floors where Newkim Self-Leveling Leveling Screed is applied.
— Consult for other coating materials

Application Tools
Steel trowel, hand mixer, porcupine roll.

Warnings & Suggestions
— Dilation joints, if any, should be respected.
— The profile should be used in accordance with the thickness of the final coat to be applied.
— Water rates must be respected.
— Foreign materials should not be added.
— Areas such as wall edges, front doors should be covered with profiles or tapes.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View Application	Grey Powder
Temperature	+5°C / +35°C
Self-Spreading Time of Mortar	Max. 15 minutes
Time Required to Open the Ground to Pedestrian TrafficSon	2 hours
Time to Wait For Final Coating;	
Parquet, PVC Coating	24 hours (10 mm için)
Ceramic, Carpet Coating	12 hours (10 mm için)
Application Thickness;	
Floors Exposed to Medium Density Pedestrian Traffic	1-10 mm
Floors Exposed to High Density Pedestrian Traffic	3-10 mm
Compressive Strength	35 N/ mm²
Bending Strength Bond	6 N/ mm²
Strength	≥ 2 N/ mm²

Consumption
1,7 - 1,8 kg /m²
(For 1 mm thickness)

Packaging
25 kg. Kraft Bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
Gray

Self-Leveling and Fast Setting Leveling Screed

Product Description

Cement-based, polymer-added, highly fluid, self-leveling, fast setting leveling screed that allows application between 3-7 mm.

Areas of Use

— In the interior floors of all buildings subject to medium and heavy pedestrian traffic, a suitable floor is created in the pre-level of coating, ceramic, parquet laminate and pvc.
— Repair and correction of damaged floors in old and new buildings,
— It provides a smooth surface by covering the gaps and roughness of the bottom floor.

Advantages

— It is fast and easy to apply.
— It spreads itself to the scale and removes the roughness of the subfloor.
— It can be applied over old concrete floors.

Preparation of the Surface

— The surface should be clean, dry, smooth and firm.
— Paint, plaster, concrete and any adhesive residues should be scraped out.
— The surface must be cleaned from dust by sweeping.
— Regional defects should be repaired with Newkim Repair Mortar.
— The floor should be wetted 1 day before application.
— Surface should be primed with Newkim Transparent Floor Primer in saturated state.
— The surface should be primed with a transparent primer 2 times without diluting at least 60 minutes before leveling screed.

Preparation of Mortar

— 25 Newkim Self Leveling and Fast Setting Leveling Screed of kg. should be added to an average of 6.5-7 lt of clean water and mixed with a low speed hand mixer until it reaches a homogenous consistency.
— The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.
— The prepared mortar is poured on the floor and wiping must be done in order to fill the roughness on the surface.
— The levelling screed spreads itself.
— The thickness should be adjusted with the help of a trowel.
— The gas is removed by combing with the porcupine roller.
— Roughening is required on very smooth surfaces

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C during application.
— 24 It should not be applied on surfaces that are in danger of frost within 24 hours.
— It should not be applied under direct sun or strong wind.

Application Tools

Steel trowel, hand mixer, porcupine roll, spatula

Warnings & Suggestions

— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	Grey-Colored Fine Powder
Application Temperature	+5°C / +35°C
Powder Density	1,40 ± 100 kg/lt.
Fluid Retention Time	10 minutes
Break Strength	> 2 N/mm² (28 days)
Compressive Strength	> 40 N/mm² (28 days)
Touch Drying (20°C)	1 hour
Opening to Pedestrian Traffic (20°C)	24 hours
Wear Resistance (With Capon Method)	≤ 57 mm3 (at 100 turns)

Consumption
1,6 - 1,8 kg /m²
(For 1 mm thickness)

Packaging
25 kg kraft bag

Shelf Life
1 year from the date of production
in drought and dry environments

Color
Gray

Corundum Aggregated Surface Hardener

Product Description
It is an abrasion resistant surface hardener consisting of special type cement, hard corundum aggregates, chemical additives, special coloring pigment and polymer additives applied monolithically to fresh concrete surfaces.

Areas of Use
— It is applied on fresh concrete surfaces that are not required to do dusting.
— On surfaces that require high mechanical wear resistance.

Application Surfaces
On indoor and outdoor floors;
— Warehouses,
— Workshops,
— Parking areas,
— Service stations,
— Industrial building floors,
— Supermarkets,
— Factories,
— Businesses,
— Housing.

Advantages
— Ability to obtain smooth, bright and homogeneous surfaces.
— Prevents wear against mechanical loads.
— Increases resistance against impacts.
— Delays surface dust.
— It allows easy application to the bearing concrete.
— 3 different color options are available.

Preparation of the Surface
— The carrier concrete of the area where Newkim Corundum Aggregated Surface Hardener will be applied must be at least C25 class.
— The surface of the fresh concrete to be applied should not be polished with a steel trowel or tray polish, it should be smoothed with a wooden trowel.

Preparation of Mortar
— It should be waited until it will be settled so that a 3mm deep footprint is left on the bearing concrete.
— According to plaster slip width and consumption amounts, Corundum Aggregated Surface Hardener bags should be lined on the edges of the plaster slip.
— 2/3 of the surface hardener to be used on the whole surface is distributed by sprinkling method.
— The material should not be left on the surface in piles. A homogeneous distribution should be provided as much as possible.
— In order not to decompose the aggregates in the product, sprinkling should not be done over long distances. This can be done by hand or with special sprinkling equipment.
— Sprinkled material and concrete should be expected to change color by drawing water.
— The surface of the concrete to be applied should be wet enough that the Corundum Aggregated Surface Hardener can absorb the moisture it needs.
— In cases where the concrete surface is more than necessary, Corundum Aggregated Surface Hardener will disappear in the fresh concrete and lose its effectiveness. If the surface is dry more than necessary, the product will not be able to get the hydration water it needs, so it will not reach the desired strengths.
— It is fed to the concrete with surface hardener disc burnishing, which is uniformly sprinkled and changes color by drawing water. The remaining 1/3 amount is sprinkled on the surface of fresh concrete and burnished with disc burnishing.
— After finishing, the blade finishing is started and the process continues until the desired gloss is achieved.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

Application Tools

— Spreading equipment, trowel tray, trowel blade, helicopter.

Warnings and Recommendations

— Curing material SBR-404 Curing Fluid should be applied in order not to lose the water of the surface quickly after the application.
— Water should not be thrown on the material during application.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Gray, red, green color
Powder Density	1.65-1.75 kg / m³
Impact Strength (LA)	30-40% weight loss
Application Temperature	Between + 5 °C and + 35 °C
Wear Resistance	7 cm3 / 50 cm² with Böhme method
Hardness	7 Mohs.
Compressive Strength	> 65 N /mm²
Bending Resistance	> 9 N/mm²

Consumption
5-6 kg / m² for light and medium loads
7-8 kg / m² for medium and heavy loads

Packaging
25 kg kraft bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
Gray
Red
Green

Quartz Aggregated Surface Hardener

Product Description
It is an abrasion resistant surface hardener consisting of special type cement, hard quartz aggregates, chemical additives, special coloring pigment and polymer additives applied monolithically to fresh concrete surfaces.

Areas of Use
It is applied indoors and outdoors where wear resistance is required on the surface under heavy traffic loads.

Application Surfaces
On indoor and outdoor floors;
— Warehouses,
— Workshops,
— Parking areas,
— Service stations,
— Car wash areas,
— Supermarkets,
— Workplaces,
— Gas stations, Airplane hangars.

Advantages
— Ability to obtain smooth, bright and homogeneous surfaces.
— Prevents wear against mechanical loads.
— Increases resistance against impacts.
— Delays surface dust.
— It allows easy application to the bearing concrete.
— 3 different color options are available

Preparation of the Surface
— The carrier concrete of the area where Newkim Quartz Aggregated Surface Hardener will be applied must be at least C25 class.
— The surface of the fresh concrete to be applied should not be polished with a steel trowel or tray polish, it should be smoothed with a wooden trowel.

Preparation of Mortar
— It should be waited until it will be settled so that a 3mm deep footprint is left on the bearing concrete.
— According to plaster slip width and consumption amounts, Quartz Aggregated
— Surface Hardener bags should be lined on the edges of the plaster slip.
— 2/3 of the surface hardener to be used on the whole surface is distributed by sprinkling method. The material should not be left on the surface in piles. A homogeneous distribution should be provided as much as possible.
— In addition, in order not to decompose the aggregates in the product, sprinkling should not be done over long distances. This can be done by hand or with special sprinkling equipment.
— Sprinkled material and concrete should be expected to change color by drawing water.
— The surface of the concrete to be applied should be wet enough that the Quartz Aggregated Surface Hardener can absorb the moisture it needs.
— In cases where the concrete surface is more than necessary, Quartz Aggregated Surface Hardener will disappear in the fresh concrete and lose its effectiveness. If the surface is dry more than necessary, the product will not be able to get the hydration water it needs, so it will not reach the desired strengths.
— It is fed to the concrete with surface hardener disc burnishing, which is uniformly sprinkled and changes color by drawing water. The remaining 1/3 amount is sprinkled on the surface of fresh concrete and burnished with disc burnishing.
— After finishing, the blade finishing is started and the process continues until the desired gloss is achieved.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Avoid application in very humid and / or very hot weather, under strong wind or sun.
— It should not be applied on surfaces that are in danger of frost within 24 hours.

Application Tools

Spreading equipment, trowel tray, trowel blade, helicopter.

Warnings and Recommendations

— Curing material SBR-404 Curing Fluid should be applied in order not to lose the water of the surface quickly after the application.
— Water should not be thrown on the material during application.
— No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
— Expired mortars should not be mixed with water or dry mortar and used again.
— Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
— For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
— Do not go beyond the specified application surface and instructions for use.
— Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
— Since it is cement based material, gloves should be used during application.
— The packaged product should not be stored in humid environments.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Gray, red, green color
Powder Density	1.65-1.75 kg / m³
Impact Strength (LA)	30-40% weight loss
Application Temperature	Between + 5 °C and + 35 °C
Wear Resistance	7 cm3 / 50 cm² with Böhme method
Hardness	7 Mohs.
Compressive Strength	> 65 N /mm²
Bending Resistance	> 9 N/mm²

Consumption
3-5 kg / m² depending on the surface

Packaging
25 kg kraft bag

Shelf Life
1 year from the date of production in drought and dry environments

Color
Gray
Red
Green

Acrylic Based Surface Correction Paste

Product Description
It is an acrylic based, flexible, surface smoothing paste used for smoothing rough surfaces on interior and exterior surfaces.

Areas of Use
It is used for smoothing plaster surfaces on interior and especially exterior surfaces of all buildings, repairing pore, pit or capillary shrinkage cracks on the surfaces.

Application Surfaces
Interior and exterior facades;
— Cement-based plastered surfaces.
— Please consult for all other application
— surfaces.

Advantages
— It creates a very solid, dust-free and smooth surface.
— It is resistant to moisture.
— It does not prevent the walls from breathing.
— It reduces paint consumption because it has low absorbency.
— It is very easy to apply.
— The filling power is very high, making the surface smooth on up to 2 layers.
— It does not dust much during sanding.
— It does not smell as it does not contain solvent, it does not harm human and environmental health.

Preparation of the Surface
— Before application, the surface should be free of dust, dirt and oil.
— The blistering parts should be scraped well, and the surface should be dry.

Application Details
— Prior to application, the Newkim Surface Correction Paste should be thoroughly mixed.
— Newkim Surface Correction Paste should be applied in one or two layers, with a spatula or flexible steel trowel, depending on the roughness of the surface.
— 12 hours after the application of the paste, surface defects, spatula marks, should be removed with sandpaper to make the surface smooth.

Thinning
It is ready for use.

Application Requirements

— The temperature of the environment and the surface to be treated should be minimum + 5 °C during the application and for the following 24 hours and the surface should not receive precipitation.
— Extremely hot surfaces should be moistened before application.

Application Tools

Spatula, flexible steel trowel, sandpaper

Warnings & Suggestions

Application tools should be washed with water immediately after use.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	Dirty Yellow
Structure	Acrylic emulsion based
Application Temperature	+5°C / +35°C
Full Drying	24 hours

Exposed Concrete Primer

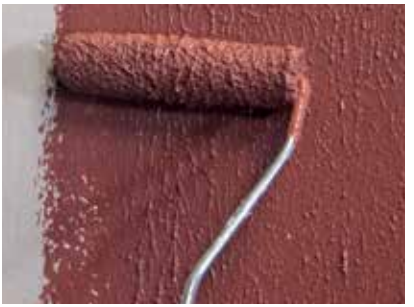
Product Description
It is a polymer modified resin based interior and exterior primer that is used to increase surface adherence before cement-based plaster applications to be made on gross concrete.

Areas of Use
It is applied before cement-based plaster application on exposed concrete walls, columns and ceilings.

Advantages
It increases adhesion of cement-based plaster mortars to gross concrete surfaces, preventing rapid water loss of these plasters.

Preparation of the Surface
— Before application, any oil, grease, rust and paraffin residues that will weaken adherence should be removed from the surface and there should be no loose particles on the surface.
— It is not strictly applied on wet or moist surfaces.
— No application is made to the painted surface.

Application Details
— During the application, Newkim Gross Concrete Primer must be mixed periodically. At least 24 hours after the application of
— Newkim Gross Concrete Primer, plaster should be applied.
— The product should be mixed periodically during application.
Primer application should be made with roll.



Thinning
It is recommended to be thinned with clean water at a maximum of 5-10% in roller applications.

Application Limit
— No application is made to the painted surface.
— Cement-based plaster must be made before applying gypsum plaster to the surface primed with gross concrete primer.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— Drying time must be observed.

Application Tools

Exterior Roll

Warnings & Suggestions

— Hands and application tools should be washed with plenty of water after application.
— It can cause sensitivity in contact with skin.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.
— In its unopened packaging, it can be stored for 1 year in a cool and dry place, protected from frost, direct sunlight.
— Close the lid of the package immediately after use so it does not allow air.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Color	Brown
Density	1.49 ± 0.05 g / ml
Drying Time	24 hours
Application Temperature	+5°C / +35°C

Consumption
Average consumption is 250 gr. / m².

Packaging
12 kg. PE

Shelf Life
1 year from the date of production in drought and dry environments

Color
Brown

Super Plaster Primer

Product Description

It is an acrylic based, surface primer that provides a definitive solution to the problems in painting process due to the high absorbency of plaster surfaces.

Advantages

— It decreases the absorbency on the plaster surface and can be applied easily.
— The final layer to be applied ensures that the paint holds well on the surface.
— Reducing the absorbency of the surface reduces the consumption of the final layer of paint.
— It penetrates the surfaces with its strong binding properties.

Preparation of the Surface

— The surfaces to be applied should be dry, clean and capable of carrying themselves.
— After sanding on plaster and similar surfaces, super gypsum primer should be applied after removing the dust with a damp cloth / damp tool wash brush-brush cleaner.

Application Details

— It can be applied to the surface by brush or roller without thinning.
— It is very important that the application is made in a very thin layer, that it does not overlap in the cut sections and that it does not create film on the surface.
— Otherwise, the adhesion weaknesses and cracks are seen in the topcoat paint.
Paint should be applied at least 6 hours after
— Newkim Super Plaster Primer application.
It should be applied without brushing / polishing with a brush or roller.

Limitations

— Transparent plaster surface primer Satin gypsum is used for the paintundercoating of surfaces that will be painted for the first time, such as gypsum board, and very absorbent and dusting character surfaces.
— It should be applied so as not to form a film layer on the surface.
— It should never be applied with the Airless method.

Application Requirements

— It is applied in one layer.
— The ambient temperature should be between +5 °C and +35 °C.
— The surface should be protected from frost during primer application and drying periods.

Application Tools

Brush, roller

Warnings & Suggestions

— After the working, equipments need to wash with water.
— In its unopened packaging, it can be stored for 1 year in a cool and dry place, protected from frost, direct sunlight.
— Close the lid of the package immediately after use so it does not allow air.
— It is irritating.
— It can cause sensitivity in contact with skin

Technical Data

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Color Structure	White
Application	Acrylic emulsion
Temperature Touch Time	+5°C / +35°C
Drying Time	3 hours min. 6 hours

Consumption
8-10 m² with 1 lt in a single coat

Packaging
5 - 20 lt.

Shelf Life
1 year from the date of production in drought and dry environments

Color
White

Newsera
Ceramic Top Ceramic Adhesive Primer

Product Description
It is a one-component, acrylic emulsion based primer with high adhesion strength applied to increase adherence and balance absorbency of the surface before coating ceramic on ceramic.

Areas of Use
— Interior and exterior wall;
— All kinds of ceramic coating, Indoor and outdoor floors;
— All kinds of ceramic coating
— hard vinyl flooring
— Wood
— Consult us for all other application surfaces.

Advantages
— It provides adhesion strength by forming a rough surface for bonding ceramics on smooth and shiny surfaces.
— It is not affected by highly alkaline environments.
— Solvent free, It's odorless.
— It does not harm human and environmental health.

Preparation of the Surface
— The surface should be clean, dry, smooth and firm.
— Plaster, paint, glue, oil, cement residues on the surface should be completely cleaned.
— The surface should be washed with water and left to dry.
— Varnish, wax and similar residues found on wood and hardwood surfaces should be cleaned by scraping and even by making a cystre.

Application Details
— It is applied by roll.
— It is mixed until it becomes homogeneous without thinning.

Thinning
It is ready for use.

Application Limit
— Plaster and plaster mortar are not used on the adhesive lining.
— It can be used only with Tiles and Granite Adhesive Mortars.
— Do not use for plastering or repair mortar.
— Wait at least 24 hours to switch to ceramic tile application.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— Stir before application.
— Application in very humid and / or very hot weather should be avoided.
— The surface should be completely dry.
— No application should be made before drying.
— To protect the surface adherence of Newkim Ceramic over ceramic adhesive primer, care should be taken not to get dirty during application.

Application Tools

Roll

Warnings & Suggestions

— After application, all tools used should be washed with water before drying.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.
— Up to three packages should be placed on top of each other so that they are not exposed to direct sunlight.
— Skin contact should be avoided and gloves should be used during application.

Technical

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Information View	Light blue
Application	+5°C / +35°C
Temperature Structure	Acrylic copolymer
Density	About 1.60 gr/cm3 (±0.1)
Post-Application Standby Time	24 hours

Consumption
400 gr/ m² one

Packaging
1-3-5 kg. PE

Shelf Life
1 year from the date of production in drought and dry environments

Color
Light Blue Liquid

NEWLATEX /Adherence Enhancer and Waterproofing Mortar Additive

Product Description

It is a liquid acrylic emulsion that participates in cement mortars where strong adhesion and water impermeability is required.
It is the additive material that provides adherence and waterproofing of mortar, plaster and screeds.

Areas of Use

— Thin layer repair mortars,
— Abrasion resistant coatings,
— Plasters,
— Floor screeds,
— Concrete repair mortars,
— Ceramic bonding mortars,
— Interior and exterior plasters of reinforced concrete silos, water tanks, pools, treatment plants,
— Natural stone, brick, tile plate cement/sand mixtures in outdoor areas, to increase the
— freezing - dissolution resistance of mortars used in flooring,
— Consult us for all other application surfaces.

Advantages

— It provides excellent adhesion.
— It reduces shrinkage.
— It increases elasticity.
— It provides excellent water impermeability.
— It improves chemical strength.
— It is not corrosive; it does not damage the equipment.
— It provides high wear resistance.
— It provides crack-free durability.

Preparation of the Surface

— Its surfaces should be clean, free from oil and grease, cement grout, weak and loose particles should be removed from the surface.
— Absorbent surfaces should be soaked thoroughly before application

Application Details

— 1 measure of fresh cement and 2 measures of sand is mixed. O this mixture, Newlatex is added and mixed until it has a syrup consistency. It is applied on the wet surface with a hard bristle brush. Before this layer is dry, new mortar should be applied on it.
— Newlatex should not be applied to the surface in its pure form.

As Mortar Additive;

— Newlatex is used for 10 to 20% of the amount of cement to be used.
— Newlatex should be diluted with clean mixture water and added to the mortar and the mixture should be prepared with this mixture.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C.
— It should definitely not be used alone. Protect the newly applied mortar from frost effect.
— To prevent excessive air entrainment into the mortar, do not mix it more than necessary.
— Be especially careful not to use Newlatex alone or as an adhesive layer in the diluted form and always to add cement and sand.

Warnings & Suggestions

— After application, all tools used should be washed with water before drying.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge. It can vary depending on application conditions and surface characteristics.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	White Color Liquid
Application Temperature	+5°C / +35°C
Density	1,02 gr/cm³

Consumption
As adherence enhancer: 250 grams / m²
As mortar and concrete additive: It is used as 10% to 20% of the cement.

Packaging
5-20-30 kg. PE Bucket

Shelf Life
2 years from the date of production in drought and dry environments

Color
White

SBR-413

Solvent-Based Resin Based Surface Hardening Cure Liquid

Product Description

It provides optimum strength by keeping water within the concrete with the film layer it forms on the surface applied on solvent-based, freshly poured concrete.

Areas of Use

— It is applied in all kinds of field concrete, channel and flume concretes and all surface hardener applications.
— It is used in industrial areas such as factories, material stores, workshops, shopping malls with heavy traffic, fairgrounds, metro stations, pavement and pedestrian roads, garage, parking lot, loading and unloading areas, gas stations.
— It should be used especially in any weather conditions where evaporation is high.
— The water in the fresh concrete slows down the evaporation rate and enables it to reach high strengths.
— It prevents shrinkage cracks and surface dust.

Preparation of the Surface

In order not to damage the surface, the concrete must have sufficiently set.

Application Details

— It is applied directly to fresh concrete or surface hardeners applied to fresh concrete by brush or roller.
— The surface should be protected against factors such as snow and rain for 2 - 3 hours immediately after the applications made in outdoor areas.
— At the end of this period, the curing material is not affected by external factors.
— Air circulation must be provided during application.
— After the removal of the moulds in the molded application, from the formation of the joint
— In the molded application, after removing the molds, before the formation of the joint, it should be applied on the fresh concrete as soon as the surface starts to lose its gloss (when the surface of the water starts to evaporate) by spraying or roller without any accumulation on the surface.
— A soft short-bristle brush can be used on the wall and a soft brush or roller on the floor.
— The product is applied to the surface as a thin layer of equal thickness.
— After application, the surface has a semi-matte appearance.

Application Limit

— It is not applied to wet surfaces.
— It is not applied to non-porous, non-absorbent and glazed surfaces.
— Air circulation must be provided during application.

Thinning

The material is definitely not thinned.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C during application.
— It should not be applied on surfaces that are in danger of frost within 24 hours.
— The drying time of the material is approximately 40 minutes.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— It should not be applied under direct sun or strong wind.

Application Tools

Brush, Roller, Spray

Warnings & Suggestions

— It contains solvent, it is flammable.
— Skin and eye contact should be avoided. Gloves must be used during storage and application.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	Transparent amber colored liquid
After Application	Semi-matte smooth, transparent film
Liquid Density	0.80 kg / lt.
Application Temperature	+5°C / +35°C
Drying Time	40 minutes
Flash Point	+80°C

SBR-404

Water-Based Resin Based Surface Hardening Cure Liquid

Product Description

Synthetic resin-based film layer applied on freshly poured concrete provides optimum strength increase by keeping the water within the concrete.

Areas of Use

— It is applied for curing of concrete on fresh poured concrete and all surface hardening applications.
— All kinds of engineering structures such as highway, dam, subway, tunnel, bridge,
— Parking lots, garages, material stores, factories, shopping centers where human traffic is heavy,
— It is used in places such as industrial structures, aircraft hangars, apron fields, helipads.
— It is useful on wide and open concrete surfaces.

Preparation of the Surface

— The application on horizontal surfaces should be done immediately after the sweating water disappears on the surface and the desired surface correction processes are completed. (Wait between 0.5 and 2 hours depending on the temperature).
— It should be applied after taking mold on vertical surfaces.

Advantages

— Reduces dusting on the surface.
— Minimizes shrinkage.
— It helps the concrete reach its target strength.
— It reduces cracks caused by plastic shrinkage.
— It eases the burden of expensive and highly crafted methods such as coating, sack and watering.

Application Details

— SBR 404 is ready for use; there fore it should not be diluted with water.
— Shake well before use.
— It can be applied with an automatic spraying system if it is to be applied consecutively to large surfaces or to a number of concrete elements.
— Protect the applied area from rain for at least 12 hours or until it is completely dry.

Application Limit

SBR-404 should not be covered with other surface coating or protection materials.

Application Requirements

— The ambient temperature should be between +5 °C and +35 °C during application.
— It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
— The drying time of the material is approximately 12 hours.
— The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
— It should not be applied under direct sun or strong wind.

Application Tools

Brush or Roll

Warnings & Suggestions

— Clean the tools and application equipment with hot water immediately after use.
— If the material is hardened, solvent can be used.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

View	White Liquid
Chemical Structure	Water-based, white pigmented emulsion
Density	1.03+0.02 kg / lt.
Application Temperature	+5°C / +35°C

Consumption

Consumption depends on wind, humidity and temperature. 150-200 gr / m²

Packaging

30 lt. Bin.

Shelf Life

1 year from the date of production in drought and dry environments

Color

White Liquid

Mold Oil
Wood / Steel and Plywood

Product Description
It is a water-based / oil-based / mold release oil that prevents the adhesions between fresh concrete and formwork, allowing the mold to be separated from the concrete more easily and to obtain concrete with a smooth surface.

Areas of Use
— Absorbent mold surfaces, especially wooden molds.
— Steel, plastic, ply-wood molds,
— Applications to increase mold efficiency,
— Situations in which mold workmanship is desired to be accelerated.

Advantages
— Its application is easy.
— It allows the mold to be separated from the concrete clean and easily.
— It provides smoother and good-looking concrete surfaces.
— It decreases the dirt on the concrete surfaces and does not spoil the appearance.
— It reduces mold cost and workmanship.

Application Requirements
The ambient temperature should be between +5 °C and +35 °C.

Application Tools
Brush, roller

Warnings & Suggestions
— After application, all tools used should be washed with water before drying.
— Foreign materials must not be added.
— The amount of consumption indicated is a general knowledge.
— It can vary depending on application conditions and surface characteristics.

Teknik Bilgi Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Aspect	Liquid
Density	0.86±0.02 kg/l (at 20°C)
Viscosity	29-36 cp
Freezing Point	< -10°C (without adding water)

Consumption
Variable

Packaging
30 Lt. PE Bucket

Shelf Life
1 year from the date of production in drought and dry environments

Color
Clear yellow, liquid

SBR-406
Liquid Primer for Screed Applications

Product Description
It is an acrylic emulsion based, high adherence primer, which is used for fixing dust and highly absorbent floors, is colorless, soapless, water repellent and ready to use.

Areas of Use
It is used to increase the adherence and to ensure water and moisture impermeability, especially on the floors with high absorbency, under floor leveling screeds, before new concrete is laid.

Preparation of the Surface
The application surface should be cleaned from anti-stick materials such as dust, oil, paint, silicone, curing material, detergent.

Advantages
— Reduces dusting on the surface.
— Minimizes shrinkage.
— Increases frost resistance.

Application Details
— Newkim SBR-406 is poured on the floor without thinning and applied in a single coat by spreading it on the floor with a brush.
— It may be necessary to apply two layers on very absorbent surfaces.
— Prior to leveling screed application, the primer should be expected to harden.
— Significantly reduces the absorbency of the surface to which it is applied.

Application Requirements

— Drying time is prolonged in humid weather conditions.
— The specified periods are valid at 20 °C surface and ambient temperature.
— Time increases at low temperature; time decreases at high temperature.

Application Tools

Brush

Warnings & Suggestions

— Skin and eye contact should be avoided.
— Gloves must be used during storage and application.
— Protect from frost.
— Protect from heat and sunlight. Keep cool
— and dry in well-sealed containers.

Technical Information

Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Appearance	White Liquid
Density	1.1 kg / lt.
Application Temperature	+5°C / +35°C
Full Hardening	6-8 hours
Drying Time	1-3 hours
Second Layer Application Time	3-5 hours

Waterproofing

Perfect Solutions for Waterproofing

NEWRAN
Bitumen Waterproofing Sheets

C 2000
APP-based (Plastomeric)
Fibrocam Carrier Membrane

Product Description
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive,
- 60 gr / m² with fibrocam carrier,
- Both sides covered with polyethylene film.

Areas of Use
- Raincoats, balconies, flowers, concrete canal interiors and garden terrace as the first floor in two layers insulation,
- Water and steam insulation of wet places.

Application Form
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

Thickness
2 mm

Roll Length
15 mt.

Storage & Protection
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

Technical Specifications	**Test Name**	Standart		**Unit**	Measurement Results
	Tensile Strength (Width - Length)	**TS EN**	12311-1	N/5 cm	200-300
	Breaking Elongation (Width -Length)	**TS EN**	12344-1	%	2-2
	Waterproof	**TS prEN**	1928		Waterproof
	Flow Resistance	**TS**	11758-1	°C	110
	Dimensional Stability	**TS EN**	1107-1	%	0.5
	Cold Shrinkage	**TS EN**	1109	°C	-5
	Tear Strength	**TS EN**	12310-1	N/5 cm	75
Dimensions	Thickness	**TS EN**	1849-1	mm	2
	Roll Length	**TS EN**	11758-1	m	15
	Roll Width	**TS**	11758-1	m	1
	Roll Weight			Kg. (min.)	35
	Bottom-Top Surface				PE/PE

C 3000
APP-based (Plastomeric)
Fibrocam Carrier Membrane

Product Description
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
- 60 gr / m² with fibrocam carrier
- Both sides covered with polyethylene film

Areas of Use
- Water and steam insulation of wet places,
- Single or double floor insulation for retaining and basement walls,
- As a single or double layer in pressurized groundwater problems,
- As the first layer in secret creek insulation.

Application Form
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

Roll Length
10 mt.

Storage & Protection
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- Period of time, they should be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

Technical Specifications	**Test Name**	Standart		**Unit**	Measurement Results
	Tensile Strength (Width - Length)	TS EN	12311-1	N/5 cm	200-300
	Breaking Elongation (Width -Length)	TS EN	12344-1	%	2-2
	Waterproof	TS prEN	1928		Waterproof
	Flow Resistance	TS	11758-1	°C	110
	Dimensional Stability	TS EN	1107-1	%	0.5
	Cold Shrinkage	TS EN	1109	°C	-5
	Tear Strength	TS EN	12310-1	N/5 cm	75
Dimensions	Thickness	TS EN	1849-1	mm	2
	Roll Length	TS EN	11758-1	m	10
	Roll Width	TS	11758-1	m	1
	Roll Weight			Kg. (min.)	34
	Bottom-Top Surface				PE/PE

CAL 3000
APP-based (Plastomeric)
Aluminum Laminated Membrane

Product Description
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
- 60 g/m² with Fibrocam carrier
- One side is polyethylene film, the other side is aluminum laminated.

Areas of Use
- It is used as second layer in chimney İnsula-
- tions, second layer in dome and Vaulted
- roofs, and second floor in secret creek insulations.

Application Form
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

Thickness
3 mm

Roll Length
10 mt.

Storage & Protection
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

Technical Specifications	**Test Name**	Standart		**Unit**	Measurement Results
	Tensile Strength (Width - Length)	TS EN	12311-1	N/5 cm	200-300
	Breaking Elongation (Width -Length)	TS EN	12344-1	%	2-2
	Waterproof	TS prEN	1928		Waterproof
	Flow Resistance	TS	11758-1	°C	110
	Dimensional Stability	TS EN	1107-1	%	0.5
	Cold Shrinkage	TS EN	1109	°C	-5
	Tear Strength	TS EN	12310-1	N/5 cm	75
Dimensions	Thickness	TS EN	1849-1	mm	2
	Roll Length	TS EN	11758-1	m	10
	Roll Width	TS	11758-1	m	1
	Roll Weight			Kg. (min.)	33
	Bottom-Top Surface				PE/PE

P 3000
APP-based (Plastomeric)
Polyester Felt Carrier Membrane

Product Description
- APP Based (Atactic polypropylene) additive,
- Spun-bond polyester felt carrier 150gr/m² / 180gr/m²,
- Both sides are covered with polyethylene film

- **Areas of Use**
  Single or double layer in water and steam insulation of wet spaces
- As a single or double layer in pressurized groundwater problems
- Single or double layers in rain gutters, balconies, flower beds, concrete canal interiors and garden terraces, water tanks, pond, sewage treatment plants, parking lot, hidden stream insulation.
- Single or double layer for retaining and basement walls insulation
- On terraces and sloping roofs

Application Form
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

- **Thickness**
  3 mm

Roll Length
10 mt.

Storage & Protection
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.

Technical Specifications	**Test Name**	Standart		**Unit**	Measurement Results	
	Tensile Strength (Width - Length)	TS EN	12311-1	N/5 cm	400-600	600-800
	Breaking Elongation (Width -Length)	TS EN	12344-1	%	30-30	35-35
	Waterproof	TS prEN	1928		Waterproof	Waterproof
	Flow Resistance	TS	11758-1	°C	110	120
	Dimensional Stability	TS EN	1107-1	%	0.5	0.5
	Cold Shrinkage	TS EN	1109	°C	-5	-10
	Tear Strength	TS EN	12310-1	N/5 cm	100	150
Dimensions	Thickness	TS EN	1849-1	mm	3	3
	Roll Length	TS EN	11758-1	m	10	10
	Roll Width	TS	11758-1	m	1	1
	Roll Weight			Kg. (min.)	35	35
	Bottom-Top Surface				PE/PE	PE/PE

P 4000
APP-based (Plastomeric)
Polyester Felt Carrier Membrane

Product Description
- APP Based (Atactic polypropylene) additive,
- Spun-bond polyester felt carrier 150gr/m² / 180gr/m²,
- Both sides are covered with polyethylene film

Areas of Use
- Single or double layer in water and steam insulation of wet spaces
- As a single or double layer in pressurized groundwater problems
- Single or double layers in rain gutters, balconies, flower beds, concrete canal interiors and garden terraces, water tanks, pond, sewage treatment plants, parking lot, hidden stream insulation.
- Single or double layer for retaining and basement walls insulation
- On terraces and sloping roofs

Application Form
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

Thickness
4 mm

Roll Length
10 mt.

Storage & Protection
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.

Technical Specifications	**Test Name**	Standart		**Unit**	Measurement Results	
	Tensile Strength (Width - Length)	TS EN	12311-1	N/5 cm	400-600	600-800
	Breaking Elongation (Width -Length)	TS EN	12344-1	%	30-30	35-35
	Waterproof	TS prEN	1928		Waterproof	Waterproof
	Flow Resistance	TS	11758-1	°C	110	120
	Dimensional Stability	TS EN	1107-1	%	0.5	0.5
	Cold Shrinkage	TS EN	1109	°C	-5	-10
	Tear Strength	TS EN	12310-1	N/5 cm	100	150
Dimensions	Thickness	TS EN	1849-1	mm	4	4
	Roll Length	TS EN	11758-1	m	10	10
	Roll Width	TS	11758-1	m	1	1
	Roll Weight			Kg. (min.)	35	35
	Bottom-Top Surface				PE/PE	PE/PE

PAL 3000
APP-based (Plastomeric)
Aluminum Laminated Membrane

Product Description
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
- Spun-bond polyester felt carrier 150 gr / m²
- One side is laminated with polyethylene film and the other side is laminated with aluminum.

Areas of Use
- It is used as second layer in chimney insulations,
- Second layer in dome and vaulted roofs,
- Second floor in secret creek insulations.

Application Form
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

Thickness
3 mm

Roll Length
10 mt.

Storage & Protection
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

Technical Specifications	**Test Name**	Standart		**Unit**	Measurement Results
	Tensile Strength (Width - Length)	TS EN	12311-1	N/5 cm	400-600
	Breaking Elongation (Width -Length)	TS EN	12344-1	%	30-30
	Waterproof	TS prEN	1928		Waterproof
	Flow Resistance	TS	11758-1	°C	110
	Dimensional Stability	TS EN	1107-1	%	0.5
	Cold Shrinkage	TS EN	1109	°C	-5
	Tear Strength	TS EN	12310-1	N/5 cm	100
Dimensions	Thickness	TS EN	1849-1	mm	3
	Roll Length	TS EN	11758-1	m	10
	Roll Width	TS	11758-1	m	1
	Roll Weight			Kg. (min.)	33
	Bottom-Top Surface				PE/Alum. Foil

PAR 3500
APP-based (Plastomeric)
Slate Laminated Membrane

Product Description
- Plastomeric waterproofing cover with APP (Atactic polypropylene) additive
- Spun-bond polyester felt carrier 150 gr / m²
- Laminated with polyethylene film on one side and colored slate on the other.

Areas of Use
In prefabricated buildings with dilatation, in terrace roofs that are not visited, in dome and vaulted roofs, in cold climatic conditions, On sloping roofs.

Application Form
It is applied full, dotted or free with 10 cm at the joints and 15 cm at the end of the roll with the torch flame.

Thickness
3.5 mm

Roll Length
10 mt.

Storage & Protection
- The rolls are stocked vertically in a closed environment.
- They should not be exposed to ultraviolet rays and sudden changes in temperature.
- If the rolls need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
- After application, piercing and cutting should not be done.
- Rolls are not placed on top of each other if they are to be stacked without pallets.
- In palletized stacking, it can be placed on top of each other with two rows of chipboard at the bottom.
- The terraces that are visited should be protected by floor covering.

Technical Specifications	Test Name	Standart		Unit	Measurement Results
	Tensile Strength (Width - Length)	TS EN	12311-1	N/5 cm	400-600
	Breaking Elongation (Width -Length)	TS EN	12344-1	%	30-30
	Waterproof	TS prEN	1928		Waterproof
	Flow Resistance	TS	11758-1	°C	110
	Dimensional Stability	TS EN	1107-1	%	0.5
	Cold Shrinkage	TS EN	1109	°C	-5
	Tear Strength	TS EN	12310-1	N/5 cm	100
Dimensions	Thickness	TS EN	1849-1	mm	3.5
	Roll Length	TS EN	11758-1	m	10
	Roll Width	TS	11758-1	m	1
	Roll Weight			Kg. (min.)	42
	Bottom-Top Surface Coating				Th/Slate Stone

NW-1K / **Bitumen Based Solvent Based Liquid Membrane For Foundation Applications**

Product Description
It is a rubber based cold applied solvent based liquid waterproofing material for foundation applications.

Areas of Use
— On foundations, retaining and walls against
— soil moisture and leaks
— On gallery, drainage and foundation excavations,

Advantages
— It can be easily applied by anyone.
— It creates a complete and seamless isolation layer.
— It's very elastic.
— It is ready for use.
— It should be applied cold.
— It does not require heating and thinning.
— It dries quickly.

Preparation of the Surface
— Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
— Pressure water and warm soapy water should be used when necessary.
— The surface to be applied should be dry and clean without moisture.
— The terraces and surfaces to be applied must have a slope that will not make the pond.

Application Details
— It is applied only to the side of the application place that will come into contact with water.
— It is a ready-made material.
— Heating does not require.
— It has the consistency of application with trowel.
— When applied with the brush, it is thinned with cellulosic thinner.
— It is used as a primer (Newran-Branded Solvent-Based Primer) to ensure strong adhesion, remove dust and extend the life of the application.
— Depending on the weather conditions, at least one day is expected in the application between layers.
— When applying between layers, the second layer application is made to the cross of the first layer.
— For good waterproofing, 2 layers of mesh is required on the decks.
— In order to withstand higher pressures, it is reinforced with carriers such as polyester felt, mesh, and isolation cloth to achieve perfect results.
— After the evaporation of the solvent it contains, it adheres strongly to the surface where it is applied and forms a super water-resistant layer.

Thinning
When you want to apply it with a brush, 1 lt. of cellulosic thinner is enough to thin it. Trowel applications do not require thinning.

Application Requirements

— It should be stored at +5°C - +35 °C in a covered place and a maximum of 3 layers of buckets in a row upright.
— If they need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.
— The cover of the remaining product must be closed at the end of the application

Application Tools

Trowel, Brush,

Warnings & Suggestions

— Foreign materials must not be added.
— Never dilute with water.
— Do not direct contact with fire.
— Since it contains solvent, no smoking, no fire and no spark generating tools are used during application.
— The bucket lid should not be left open.
— Avoid contact with eyes and skin.
— Absolutely not used in dilatation fitting equipment.

Technical Information

The technical information is based on 20 °C air temperature and 65% relative

View	Black Liquid
Application Temperature	+5°C / +35°C
Touch	12 hours
First Dry	24 hours
Last Dry	48 hours
2 Layers Application	24 hours

Consumption
600 gr / m² per spread double application should be done.

Packaging
18 kg. Tin

Shelf Life
1 year from the date of production in drought and dry environments

Color
Black

NW-2K

Bitumen Based Two-Component Waterproofing

Product Description

It is a double component, bitumen and cement based, elastic and quick drying water-based liquid membrane whose elasticity and strength are reinforced with various additives and polymers. After evaporation of the water in its body, it adheres strongly to the surface it is applied and forms an elastic coating that is resistant to water and moisture.

Areas of Use

— On all horizontal and vertical surfaces,
— External insulation of foundation, cellar and basement walls,
— It is used in conjunction with reinforcement mesh such as insulation mesh in closed wet areas such as bathrooms, kitchens, toilets, isolation of leachate, large cracked surfaces or isolation applications that need to withstand higher pressure water.

Application Surfaces
Indoor and Outdoor Wall;

— Cement-based plaster Concrete
— Old bituminous surfaces

Indoor and Outdoor Floor;

— Cement-based screed
— Old bituminous surfaces Concrete

Advantages

— It can be easily applied by anyone.
— It creates a complete and seamless isolation layer.
— It provides excellent adhesion on concrete surfaces.
— It's very elastic.
— It dries quickly.
— Solvent-free, environmentally friendly.

Preparation of the Surface

— The surface should be dry, clean, solid and free from dust, oil, dirt or anti-adhesion materials should be removed from the surface, and materials such as mortar cement residues should be scrapped.
— Repair of surface faults with depth of more than 1 cm should be done with Newkim Repair Mortar 6-8 hours before.
— After surface cleaning, the surface should be primed as a single coat with Newran branded water-based primer to increase
— adhesion strength and balance surface absorbency and should be left to dry for a minimum of 5 hours.

Preparation of the Product

— The powder component in the upper chamber of the plastic bucket is poured into the liquid component in the lower chamber and mixed with a low speed mixer until no lumps remain.
— It is applied with a brush after mixing.
— It dries in about 1-2 hours depending on weather conditions.

Application Details

— Newran NW-2K product is applied to the surface in two layers with a minimum of 3 mm dry film thickness.
— After the first layer is completely dry, the second layer is applied so that the first layer is perpendicular to the application.
— The coats that will follow must always be made after the previous coat has dried and, in the direction, perpendicular to the previous application.
— 4 hours between layers should be expected. To ensure the continuity of the insulation, Newkim repair mortar and edge and corner joints should be chamfered.

— In cases where chamfering is not possible, insulation tape should be applied in areas that are weak in terms of water impermeability, such as edge joints. If there are tarot holes or mold joints on the surface, before starting the application, iron rods and / or plastic parts should be removed from their location, and if not removed, they should be cut from the concrete surface with a minimum of 2 cm inside and filled with Newkim Repair Mortar.
— Depending on the properties of the application surface, application can be made by placing Newkim Net between two layers if necessary. In cases that require net reinforcement, a coat is first applied, and the net is laid on it before it dries.
— In regions where there is pressurized water, the amount of consumption and application thickness should be increased.
— During the evaluation of the application conditions, temperature differences between day and night must be taken into consideration.
— In cases where it is possible to decrease the temperature + 5 °C within 24 hours following the application, Newran N W - 2 K should not be applied on frozen or melting surfaces.
— After fully dry, Newran NW NW-2K applied surfaces should be closed without delay and be protected against external conditions.
— Before applying on Newkim NW-2K, the waterproofing layer, thermal insulation boards, drainage plates, geotextile felt should be protected from mechanical effects and tensions that may occur on the surface.

Application Requirements

— It should not be applied on uneven surfaces.
— The robustness and bearing of the old surfaces should be checked before the application process.
— During and after application, the surface should be protected from air currents and contact with water should be prevented.
— It should not be applied on substrates which are at risk of frost, frozen or melting ice in 24 hours.
— In hot weather, the material should not be exposed to direct sunlight.
— No application should be made on hot surfaces with extreme wind or direct sun, if there is an obligation to apply in these environments, the environment and surface should be ready to apply before starting.
— Application should not be made in rainy weather; application surface should be protected from rain for 24 hours.

Application Tools

Brush, Trowel

Warnings & Suggestions

— After mixing the product, it should be used within the life of the container.
— Products that have expired during the application should not be used.
— During the application, no foreign material should be added to the mixture except for the components of the product.
— It can be safely used indoors without any flammable or toxic substances.

Technical Information

The technical information is based on 20 °C air temperature and 65% relative

Content	Bitumen emulsion-cement based powder mixture does
Thinning	not require heating and thinning
Mixture	1,2 g/ml
Density	+5°C / +35°C
Application Temperature	45 minutes
Pot Life	2-4 hours
Drying Time of the Surface	3 days

Consumption
700 gr / m² per spread-double application should be done.

Packaging
Two-component PE bucket in set, 24 kg liquid component (lower chamber) and 8 kg powder component (upper chamber)

Shelf Life
1 year from the date of production in drought and dry environments

Color
Black

Solvent-Based Bitumen Primer

Description
Su yalıtımında astar olarak kullanılan solvent bazlı bitüm emülsiyonudur.

Areas of Use
— At the foundations,
— In foundation piles,
— Retaining and curtain walls,
— İs used as a primer coat in Newran Branded (Bitumen Based Solvent Based / NW 1K) Liquid Membrane application against ground moisture and primer layer.

Areas of Use
— At the foundations,
— In foundation piles,
— Retaining and curtain walls,
is used as a primer coat in Newran Branded (Bitumen Based Solvent Based / NW 1K) Liquid
— Membrane application against ground moisture and primer layer.

Advantages
— It is ready for use,
— It dries very quickly.
— It is the auxiliary product of Newran Branded (Bitumen Based Solvent Based / NW 1K) Liquid Membrane material that creates a complete and uninterrupted insulation layer.

Preparation of the Surface
— The surface to be covered must be clean and solid.
— All foreign substances that will counteract adhesion should be cleaned.
— Cracks and gaps must be repaired with Newim Repair Mortar.

Thinning
— It does not require heating and thinning.
— It should be applied cold.

Storage

— It should be stored in a covered place at +5/+35 °C and upright.
— If they need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.

Application Tools

Brush, roller, spray gun

Warnings & Suggestions

— Do not direct contact with fire.
— Since it contains solvent, no smoking, no fire and no spark generating tools are used during application.
— The bucket lid should not be left open.
— Avoid contact with eyes and skin.

Technical Information Technical Information is relative to 55% (± 5 °C) relative humidity environment at 23 °C (± 2 °C).

Content	Bitumen emulsion
Thinning	No heating and thinning
Mixture Density	Required 1-1, 2 g / ml
Application Temperature	+5°C / +35°C
Drying Time	12 hours
Full Drying	24 hours later

Consumption
For each apply, two layers of 250 gr / m² should be applied in one coat

Packaging
17 kg. Tin.

Shelf Life
1 year from the date of production in drought and dry environments

Color
Siyah

Water-Based Bitumen Primer

Product description
It is a solvent based bitumen emulsion used as a primer in waterproofing.

Areas of Use
— In two-layer applications, the other layer should not be applied until the first layer is completely dry.
— As a moisture impermeable material,
— As waterproofing material in dry or damp details such as terrace, roof, kitchen, bathroom,
— As a primer under bituminous coatings.

Advantages
— It is applied easily and quickly.
— It does not have joints,
— It does not form any joints, it creates a permanent moisture and waterproof coating.
— It does not flow on vertical surfaces.
— Its use is practical.

Preparation of the Surface
— Before applying primer on the surfaces to be insulated, it should be checked that there is a leveling screed with adequate leveling, dryness and cleanliness.
— Spikes and corners should be rounded.

Application Details
— It is ready for use.
— Application can be done after opening the cover, but if necessary (5-6 months after the product production date, if the product viscosity increases), mixing with a 300-400 rpm mixer for 3-4 minutes makes the product suitable for application.
— It is applied on the surface with a brush or a gun in a way that will be 400 g per square meter.
— It is waited until it is completely dry.
— If necessary, with 3/1 water you can use it by thinning.
— Is completely dry.
— In two-layer applications, the other layer should not be applied until the first layer is completely dry.

Thinning
— It does not require heating and thinning.
— It should be applied cold.
— It is thinned and applied in 1/3 ratio with water.

Storage
— It should be stored in a covered place at 0-35 ° C and upright.
— If they need to be stored in the open area for a long time, they must be covered to protect them from the sun's rays.

Application Tools
Brush, roller, spray gun

Warnings & Suggestions
— After ensuring the second layer to dry completely, the bitumen coating should be covered with covers such as a thin screed cover, polystyrene layer, drainage sheets not to see the sun, frost, rain.
— Keep away from the reach of children, wash thoroughly with water in contact with eyes and skin and consult a doctor.
— Do not pour into the sewer.
— After the application is finished, the tools used have not dried and the products on them should be cleaned with water while still fresh.
— After drying, the cleaning process should be done with thinner.
— The bucket lid should not be left open.
— Avoid contact with eyes and skin.

Technical Information

The technical information is based on 20 °C air temperature and 65% relative

Content	Bitumen emulsion
Thinning	It is diluted with water in 1/3 ratio.
Mixture Density	1-1, 2 g / ml
Application Temperature	+5°C / +35°C
Drying Time	12 hours
Full Drying	24 hours

Consumption
400 gr / m² in one layer depending on the surface double application should be done.

Packaging
17 kg. Tin

Shelf Life
1 year from the date of production in drought and dry environments

Color
Black

Ceiling Paint

Product Description
Styrene Acrylic copolymer binder is a water-based, inhale, ceiling paint with high closing power and whiteness.

Application Areas
— It is formulated for ceiling surfaces located on the interior facades of buildings.
— It is recommended not to be used in any other area.

Advantages
— It provides adhesion and adaptation to plaster, concrete gypsum and lime surface.
— It is water-based and has high inhalation ability.
— It has a matt and smooth appearance.
— It has very high covering ability.
— It does not swell and spill.
— It saves time and labor due to the high spreading power on the surface during application.

Application Instruction
— The surface should be puffed and free of loose textured layers.
— Dust, oil, soot and other contamination should be cleaned and washed with water if necessary.
— The cracks should be filled with Newsan
— surface correction paste and the defects should be removed.
— The old solvent-based or water-based painted surfaces to be changed and old painted and very dirty surfaces are primed with Newsan Primer and Newsan Super Gypsum Primer or Newsan Primer.
— Before application, the Newsan Ceiling Paint should be thoroughly mixed.
— It is recommended to wait 1-2 hours between layers depending on ambient heat and humidity.
— The temperature of the environment and the surface to be applied during the application and for the following 24 hours should be minimum +10°C.

Paintable Area
Depending on the surface on two layers;
— 10-12 m² with 3,5 kg
— 28-30 m² with 10 kg
— 50-52 m² with 17.5 kg.

Application Apparatus
Application is done with roller and brush.

Drying Time (23 ° C, 50% Relative Humidity)
— Waiting time between layers is min 2 hours.
— Full drying time is min. 12 hours.

Thinning
It is recommended to apply two coats by thinning at most 10-15%.

Packaging
17,5 / 10 / 3.5 kg. PE bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Interior Wall
Silicone Water-Based Matte Paint

Product Description
It is a styrene acrylic based, silicone added matte interior paint with high coating and cleanable.

Application Areas
It is an easy to apply high quality indoor wall paint.

Advantages
— It is matte and smooth.
— It covers surfaces perfectly.
— It does not swell and spill.
— It hides surface faults.

Application Instruction
— It should be applied on clean, dry and smooth surfaces where the sub-surface operations have been completed (paste and primer applied).
— 24 hours after primer application, it is thinned with water by 15-20% by volume and applied in 2 coats by brush or roller.
— In practice, roll movements should be taken into consideration in one direction.
— 2-4 hours should be waited between the application coats according to the difference between summer and winter.
— Old synthetic-based surfaces should be thoroughly sanded and sand powder removed from the surface.
— The entire surface should be smoothed with Newsan Surface Correction Paste to ensure the best matte texture.
— Old solvent-based or water-based painted surfaces to be changed and old painted and heavily soiled surfaces should be primed with Newsan Primer (Newsan Transformation Primer) and new absorbent surfaces with Newsan interior primer.
— Before application, Newsan Silicone Water-Based Matte Paint should be mixed thoroughly.

Paintable Area
Depending on the surface on two layers;
— 12-14 m² with 3,5 kg
— 38-40 m² with 10 kg
— 76-80 m² surface can be painted with 20 kg.

Application Apparatus
Application is done with roller and brush.

Drying Time
— Second Layer Application: 3 hours
— Final Dry: 24 hours

Thinning
It is recommended to apply two coats by thinning at most 15-20%.

Packaging
20 / 10 / 3.5 kg. PE bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Interior Wall
Silicone Water-Based Silk Gloss Paint

Product Description
It is a glossy interior paint with a styrene acrylic based, silky-looking silicone additive, high coating and cleanable.

Application Areas
It is an easy to apply high quality indoor wall paint.

Advantages
— Thanks to its silicone additive, it has a high-water repellent property and allows the removal of stains such as watercolor, pencil, ketchup on the surface.
— It allows the surfaces to breathe,
— it is odorless,
— It is human and environmentally friendly,
— Easy to apply, easy to clean,
— It has a high covering.

Application Instruction
— On new surfaces to be painted; Primer is applied on paste smoothened surfaces.
— On old painted surfaces, the surface should be cleaned from all kinds of oil, dirt, loose and blistered layers.
— After the surface correction process is done where necessary, Newsan interior primer is applied to the entire surface.
— On old synthetic painted surfaces; Newsan transformation is applied in one layer after the surface is sandpapered and sanding dust is removed from the surface.
— Newsan Transformation should be applied as a single coat before applying paint on the surfaces where color change is desired.
— 24 hours after primer application, it is thinned with water by 8-10% by volume and applied in 2 coats by brush or roller.
— In order to obtain proper application, one-way sweeping should be done and more scanning should be avoided.
— It is recommended to wait at least 6 hours between the layers.
— The temperature of the environment and the surface to be applied during the application and for the following 24 hours should be minimum +10°C.

Paintable Area
Depending on the surface on two layers;
— 16-18 m² with 3,5 kg
— 45-50 m² with 10 kg
— 90-100 m² with 20 kg can be painted.

Application Apparatus
Application is done with roller and brush.

Drying Time
— The waiting time between the layers is min 6 hours.
— Full drying time is min. 24 hours

Consumption
Depending on the application method and the floor, with 1 kg, 4.5-5 m² area can be painted in a single coat in one coat.

İThinning
It is recommended to apply two coats by thinning at most 8-10%.

Packaging
20 / 10 / 3.5 kg. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Interior Wall
Export Interior Wall Water-Based Plastic Paint

Product Description
It is a styrene acrylic copolymer based, inhale matte paint with high sealing power.

Application Areas
It is used on all kinds of wall surfaces in the interior of buildings.

Advantages
— It is interior wall paint that combines economy and quality.
— It is water-based and has high inhalation ability.
— It provides perfect integration with the surface on which it is applied.
— It does not crack, swell and spill.

Application Instruction
— Before painting (paste and primer applied), the surface must be dust free, clean and dry.
— It should be thinned, mixed and homogenized according to thinning rate.
— On surfaces where color change is desired, the Newsan transfer primer can be applied as a single layer before application.
— On the surfaces whose sub-surface treatments are completed (paste and primer applied), after 24 hours, it is diluted with water by 20-25% by volume and applied at least 2 coats by brush or roller.
— In order to obtain proper application, one-way sweeping should be done, and more scanning should be avoided.
— 2-3 hours should be waited considering the seasonal differences between the coats.
— Attention should be paid not to make overlaps.

Paintable Area
Depending on the surface on two layers;
— 10-12 m² with 3,5 kg
— 28-30 m² with 10 kg
— 50-52 m² with 20 kg can be painted.

Application Apparatus
Application is done with roller and brush.

Drying Time (At 23°C (±2°C), 55% (±5°C)
— Second Layer Application: 2-3 hours
— Last Drying: 24 hours

Thinning
It is recommended to apply two coats by thinning at most 20-25%.

Packaging
20 / 10 / 3.5 kg. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Silicone Interior Wall **White Primer**

Product Description
It is a water based, silicone primer that can be applied under all interior coating materials.

Application Areas
— It is used as an emission-based coating material primer on all kinds of porous absorbent surfaces such as concrete, plaster, gypsum paste.
— It should be used on mineral-based, highly absorbent surfaces and before applying paint for the first time.

Advantages
— It penetrates the surface perfectly.
— It reduces the consumption of finish paint by 15-20%.

Application Instruction
— The surfaces to be applied should be free from dust and dirt.
— As a Paint Primer, it can be easily applied on both newly painted surfaces and on old painted surfaces.
— By distributing homogeneously on the surfaces, it ensures that the new paint adheres perfectly to the surface.
— Old synthetic-based surfaces should be thoroughly sanded, and sand powder removed from the surface.
— The cracks on the surface should be filled with the Newsan Surface Correction Paste and the surface should be corrected.
— Newsan Silicone Interior Wall White Primer should be applied to the surface with a brush, roller or spray system after thinning with 15-20% clean water.
— At least 6 hours after Newsan Silicone Interior Wall White Primer application, topcoat coating material application should be started.
— The temperature of the environment and the surface to be applied during the application and for the following 24 hours should be minimum +10°C.
— Extremely hot surfaces should be moistened before application.

Paintable Area
Depending on the surface on one layer;
— 23-25 m² with 3.5 kg
— 65-70 m² with 10 kg
— 130-135 m² area with 20 kg can be painted.

Application Apparatus
Application is done with roller and brush.

Application Apparatus
Application is done with roller and brush.

Drying time (20 °C, 50% Relative Humidity)
— First drying : 1-2 hours
— Paint application: 6 hours
— Full Drying : 18-24 hours

Consumption
Depending on the application method and the floor, with 1 kg, 6-7 m² area can be painted in a single coat in one coat.

Thinning
Dilute 15-20% with water.

Packaging
20 / 10 / 3.5 kg. PE bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Transfer Primer

Product Description
It is an interior paint transfer primer used in the transition from solvent-based paint to water-based paint.

Application Areas
It is used as a primer on exposed concrete, rough and all kinds of plastered, mineral-based surfaces, self-supporting silicone or acrylic based old painted surfaces that have lost their color

Advantages
— Establishes a binding bridge between the paint and the surface.
— Reduces paint consumption.
— It largely prevents water and moisture penetration.

Application Instruction
— The application surfaces should be smooth, solid, and capable of carrying the primer and the finishing paint.
— The surfaces to be painted should be cleaned from all kinds of dirt, dust, mold oil and necessary surface correction should be done.
— On concrete, gross concrete and new plastered surfaces, setting times should be observed (28 days).
— Before transitioning from old / new synthetic painted surfaces to water-based system and in water-based silky-mat, semi-gloss, glossy systems (before primer application), the surfaces should be roughened with sandpaper.
— If the plaster particles come intensely, scraping, sanding or mechanical cleaning should be done, then primer should be applied.
— During the application and until the complete drying of the products is completed, the ambient and surface temperature should be between +5°C and +35°C.

Application Apparatus
Roll and brush

Drying Time
— First drying: 1-2 hours
— Paint application: 6 hours
— Attention; It is 6 hours for applications on water-based paint and 24 hours for applications on solvent-based paint. (Drying time may be longer with higher relative humidity and low temperature.)

Consumption
Depending on the application and ground, 10-12/m² area can be painted in one coat with 1 lt.

Thinning
— In brush and roller applications, it is recommended to be thinned with clean water by 10% and to be applied in one layer.
— Airless Spray: 5% thinned.

Packaging
15 / 7.5 / 2.5 Lt. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Nouvo Pearl Paint

Product Description
It is a water-based interior paint that is applied for decorative purposes on surfaces, it can be wiped, and it provides pearlescent patterns depending on the reflection of the light with different application apparatus, and it provides the creation of environmentally friendly, high-coverage, flexible structure.

Advantages
Fully wipeable feature

Surface Preparation and Application
- The surfaces to be applied must be smooth, solid, dry and free from dust.
- Ambient and surface temperature during application should be between +5 - +35°C.
- Newsan Surface Correction Paste should be used for pits and cracks that need to be filled.
- After waiting for 18 - 24 hours on Newsan Transfer Primer and painted surfaces, Newsan Matt / Semi-Matte paint is applied as a single coat with short-haired satin roller in the desired color.
- After 4 hours, Nouvo Pearl is applied as the second layer with the desired pattern.

Application Apparatus
Satin roller, brush and Decorative Pearl Paint Printing Effect Sponge

Application Apparatus
Application is done with roller and brush.

Drying time (25 °C, 50% Relative Humidity)
- Completes touch drying in 2 hours and
- Hard drying in 24 hours.

Consumption
15-20 m² / L on one layer

Thinning
It is ready for use.

Packaging
0,75 L - 2,5 L – 15 L

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Newizolan Primer
(Transparent Primer)

Product Description
It is a water based transparent primer that can be used as interior and exterior primer.

Application Areas
— It is used on construction elements such as exposed concrete, aerated concrete, drywall, brick, gypsum paste. It can be used for isolation purposes.
— It can be used on old paints, old plaster surfaces.
— If it is used before the jacketing in old buildings, it increases the adhesion strength between the jacketing adhesive and the wall.

Advantages
— It protects and strengthens the surface.
— It increases final coat strength.
— It allows convenient application.

Application Instruction
— In cases where the insulation primer will be used;
— Newizolan primer thinned according to the thinning rate when it will be used as insulation material for its water-repellent feature, is applied on the painted surface or on surfaces such as plaster, exposed concrete that will not be applied with paint, by roller or brush.
— In the application made for isolation, the product should not be painted over as it will form a film on the surface. Otherwise, the surface of the paint will crack, remove and paint cannot hold. In cases to be used as a paint primer, attention should be paid not to trap during application, film should be created on the surface should be prevented. Otherwise, it causes cracking and wavy appearance in the paint to be applied on it.

Application Suggestion
It is recommended to wait 1 day for the application of the final coat of paint.

Consumption
60 - 70 gr / 1m² area can be painted. (When thinned by 1/7)

Thinning
— It is thinned with water.
— In exterior applications; 1 lt; 5 lt. water In
— interior applications ; 1 lt; 7 lt. as water
— Insulation Primer ; 1 lt; 2 lt. water.

Paintable Area
— 45 m² with 0.75 lt.
— 100 m² with 2.5 lt.
— 450 m² with 7.5 lt.
— It can be painted in a single layer of 900 m² with 15 lt.

Packaging
0.75 - 2.5 - 7.5 - 15 lt. PE bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Exterior
Water-Based Silicone Paint

Product Description
It is a styrene copolymer emulsion based, silicone waterproof matte topcoat exterior paint.

Application Areas
It is applied to mineral surfaces such as black plaster, concrete, cement sheet and old painted surfaces on the exterior.

Advantages
- It is water-based and has high inhalation ability.
- It has a matt and smooth appearance.
- It does not smell as it does not contain solvent and is diluted with water, it does not harm human and environmental health.
- It does not swell and spill.

Application Instruction
- The application surface should be cleaned from all kinds of oil, dirt, loose and blistered layers.
- In glassy and bright tissues, a surface should be formed where the paint will hold.
- Capillary cracks should be filled with Newsan Surface Correction Paste.
- Newsan Silicone Exterior Wall White Primer should be applied as one layer on plastered, new and solid surfaces.
- Newsan Silicone Exterior Wall White Primer should be applied on cement based decorative plaster used in the thermal insulation system.
- Newsan Silicone Exterior Wall White Primer should be applied as one layer on plastered, new and solid surfaces.
- Old synthetic-based surfaces should be thoroughly sanded, and sand powder removed from the surface.
- Application tools should be washed with water immediately after use.
- The temperature of the environment and the surface to be treated should be minimum + 10°C during the application and for the following 24 hours and the surface should not receive precipitation.

Paintable Area
- Depending on the application surface; When Newsan Silicone Exterior Wall Water-based paint primer is used, 2 - 3 m² with 1 kg. depending on the surface on two layers,
- 4 - 6 m² of surface with when 1 kg depending on the surface on one layer when primer is used

Application Apparatus
Application is done with roller and brush

Drying Time
- First drying : 4 hours Second layer
- Application : 12 hours
- Full Drying : 24 hours

Consumption
Depending on the application method and the floor, with 1 kg, 4-6 m² area can be painted in a single coat in one coat.

Thinning
At least 24 hours after the application of the primer, it should be applied twice by thinning with water at a rate of 10-15%.

Packaging
20 / 10 / 3.5 kg. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Exterior
Water-Based Acrylic Paint

Product Description
It is a water-based acrylic copolymer based, silicone, waterproof, matte finish exterior paint.

Application Areas
— It can be used safely on concrete, gas concrete, briquette, brick, plaster and similar mineral surfaces.
— It can be applied on old painted surfaces that are in good condition.

Advantages
— It is not affected by heavy weather conditions such as rain, snow, humidity, extreme cold or hot.
— It penetrates the surface perfectly. It has a matte appearance.

Application Instruction
— The surfaces to be applied should be free from dust, dirt and oil that reduces adhesion, and should be completely cleaned from old and blistered paint layers and made dry, solid and clean.
— Old synthetic-based surfaces should be thoroughly sanded and sand powder removed from the surface.
— Newsan exterior primer is used for old painted or mineral based surfaces to be painted.
— All water-related insulation processes of the surface must have been done.
— Before application, the Newsan Water-Based Acrylic Paint should be thoroughly mixed and applied in 2 layers.
— The temperature of the environment and the surface to be treated should be minimum 10 ° C during the application and for the following 24 hours and the surface should not receive precipitation.
— Application should not be done in very hot weather, strong winds, fog, high relative humidity or weather that expects precipitation.
— Extremely hot surfaces should be moistened before application.
— Application tools should be washed with water immediately after use.

Paintable Area
Depending on the application surface; When
— Newsan Exterior Wall Water-based acrylic paint is used, 2 - 3 m² with 1 kg. depending on the surface on two layers,
— 4 - 6 m² of surface with when 1 kg depending on the surface on one layer when primer is used can be painted.

Application Apparatus
Application is done with roller and brush

Drying time (20 °C, 50% Relative Humidity)
— First drying : 4 hours Second layer Applica-
— tion : 12 hours
— Full Drying : 24 hours

Consumption
Depending on the application method and the floor, with 1 kg, 4-6 m² area can be painted in a single coat in one coat.

Thinning
At least 24 hours after the application of the primer, it should be applied twice by thinning with water at a rate of 10-15%.

Packaging
20 / 10 / 3.5 kg. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

SIL-STAR
Silicone Exterior Wall **Paint**

Product Description
It is a exterior wall paint water-based, high coverage, comfortable application thanks to its superior spreading power, silicone and semi-gloss appearance.
It is a water-based silicone exterior wall paint that creates a beading effect thanks to its stain-free technology and water repellent feature.

Areas of Use
It is applied on conventional plaster, concrete, gross concrete, hardboard, gas concrete, brick and old painted surfaces.

Advantages
— High stain resistance,
— Full Wipe ability,
— Low odor,
— High coverage.

Preparation of the Surface
— Any dirt and dirty floors that prevent the product from sticking should be cleaned on the surface to be applied.
— The surface to be applied should be dry and clean without moisture.

Application Instruction
— It should be applied on clean, dry and smooth surfaces tub-surface treatment is completed (Newsan Surface Correction Paste - and Newsan Silicone Exterior Wall Primer applied).
— It must be thinned according to the thinning rate written on the packaging, mixed and made homogeneous.
— First, paint is applied to the area ready for application with the help of a brush, and then, topcoat paint is applied with a suitable roller in min 2 coats.
— In practice, roll movements should be taken into consideration in one direction.
— 2-4 hours between application coats depending on the ambient temperature should be expected.
— Care should be taken not to overlay the cross bearings.
— In order to obtain a homogeneous and more covering surface, it is recommended to perform "Scanning" process after 2-3 minutes depending on the ambient temperature, with the same roller and over the painted surface without painting the roller.

Paintable Area
— 17.5-28 m² with 3.5 kg
— 50-80 m² with 10 kg
— 100-160 m² with 20 kg

Thinning
It is recommended to apply two coats by thinning at most 10-15%.

Consumption
5-8 m² area with 1 kg can be painted.

Application Tools
With roller, brush, gun (when thinned 10%)

Drying Time
— Waiting time between layers is min. 2 hours.
— The complete drying time is min. 24 hours.

Packaging
20 / 10 / 3.5 kg. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Exterior **(Texture)** Grainy Paint

Product Description
It is an acrylic based, matte, grainy texture topcoat exterior paint with excellent covering power.

Application Areas
It can be used safely on concrete, gas concrete, briquette, brick, plaster and similar mineral surfaces.

Advantages
— It is resistant to moisture and water.
— It is extremely resistant to the negative effects of sunlight and salty moisture on the seacoast.
— With its ability to breathe, it allows the moisture in the wall to be exhaled.

Application Instruction
— The surface to be applied should be cleaned from all kinds of oil, dirt, loose and blistered layers, and a surface should be formed where the paint can hold on to glassy and bright tissues.
— Capillary cracks should be filled with Newsan Surface Correction Paste.
— Newsan Silicone Exterior Wall White Primer should be applied as one layer on plastered, new and solid surfaces.
— Primer should be applied on cement based decorative plaster used in the thermal insulation system.
— Application should be made at least 24 hours after priming.
— It is applied as a single coat without thinning.
— When two layers of application are requested, the first layer is 10-15% and the second layer is applied without thinning.
— The product, which is transferred to the surface with a roll of lambskin, is patterned with a coral roll.
— Application should be avoided in rainy and humid, extremely windy and hot weather.

Paintable Area
— Depending on the surface in the application; Depending on the pattern thickness, 0.8-1 m² of area is painted with an average of 1 kg.
— The consumption rate in 1 m² is 1.30-1.35 kg. Consumption may vary depending on the surface and pattern.

Application Apparatus
It is applied by roller; pattern is given by coral roller.

Drying time (25 °C / 50% Relative Humidity)
First drying : 2-4 hours
Full Drying : 18-24 hours

Consumption
Depending on the surface and pattern in a single layer; 15-20 m² area is painted with 20 kg

Thinning
It is recommended to apply two (2) layers with a maximum of 5% thinning.

Packaging
20 kg. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Exterior **Silicone Primer**

Product Description
It is a water based, silicone primer that can be applied under all exterior coating materials.

Application Areas
— It is used as an emission-based coating material primer on all kinds of porous absorbent surfaces such as concrete, plaster, gypsum paste.
— It should be used on mineral-based, highly absorbent surfaces and before applying paint for the first time.

Advantages
— It penetrates perfectly into the surface, ensuring that the surface is filled evenly.
— It reduces the consumption of finish paint by 15-20%.

— **Application Instruction**
The surfaces to be applied should be free
— from dust and dirt.
Surface and ambient temperature should be
— between + 5- + 30 ° C during application.
As a Paint Primer, it can be easily applied on both newly painted surfaces and on old
— painted surfaces.
By distributing homogeneously on the surfaces, it ensures that the new paint
— adheres perfectly to the surface.
Old synthetic-based surfaces should be thoroughly sanded, and sand powder
— removed from the surface.
Cracks in the surface should be filled and the
— surface corrected.
All water-related insulation measures should
— be taken on the surface to be applied.
Application tools should be washed with water immediately after use.

Paintable Area
Depending on the surface on one layer;
— 23-25 m² with 3.5 kg
— 65-70 m² with 10 kg
— 130-135 m² area with 20 kg can be painted.

Application Apparatus
Application is done with roller and brush.

Drying Time
— First drying: 1-2 hours
— Paint application: 6 hours
— Full Drying: 18-24 hours

Consumption
Depending on the application method and the floor, with 1 kg, 6-7 m² area can be painted in a single coat in one coat

Thinning
Dilute 15-20% with water.

Packaging
20 / 10 / 3.5 kg. PE Bucket

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Decorative Plaster Coating Primer

Product Description
It is a styrene acrylic copolymer based, white colored primer for wood, chipboard, plywood and metal surfaces.

Areas of Use
— It is used before coating applications
— On thermal insulation systems.

Advantages
— It creates a special adhesion between the application surface and Newkim Decorative Plaster.
— It prevents dirt and stains on the old surface from getting on the Newkim Decorative Plaster Coating Primer.
— It reduces the water absorption of the surface.
— Easy and practical application High Adherence power

Preparation of the Surface
— The surfaces to be applied should be free of all kinds of pollution and dry.
— If the interior or exterior is previously covered with a solvent-based paint, this surface must be sanded and the paint layer on the surface must be removed.

Application Details
— Newsan Decorative Coating Primer is applied directly on one of the brushes, roller or spray applications on the emulsion based painted or interior or exterior surfaces to be applied for the first time.
— Completing the setting time of cement-based surfaces should be expected.
— Stir before application.
— Newsan decorative plaster coating primer is applied 24 hours after application.

Thinning
When necessary, it is diluted with water by 10-15%.

Color
White

Consumption
Depending on the application and depending on the floor, 250 gr / m² area can be painted in one coat.

Packaging
15 kg. PE Bucket

Shelf Life
1 year from the date of production in drought and dry environments

Application Requirements

— The ambient temperature should be between +5°C and +35°C.
— Stir before application.
— Do not apply on very hot surfaces with plenty of breeze or direct sun.

Application Tools

Brush, Roller, Spray

Warnings & Suggestions

— Foreign materials must not be added.
— The amount of consumption indicated may vary depending on the surface and application conditions.
— It must be stored in a cool and dry environment.
— Notch may be required to check the adherence of previously painted surfaces.
— One day before the application of decorative coating and one-layer application should be done.

Lux Synthetic Paint

Definition
It is a lux synthetic dye based on alkyd resin, with high covering and shine.

Areas of Use
It is used safely with suitable primer on wood, iron and steel, concrete, gross concrete, plaster, beto-pan, drywall, OSB, MDF surfaces and furniture in indoor and outdoor spaces.

Advantages
— It is resistant to moisture, water and saltwater.
— It has a superior feature with its excellent adhesion and fast drying.
— It prevents rust on the applied surfaces.
— It does not contain lead.
— It has superior covering power.
— It has excellent wiping ability and adhesion to the surface.

Application Instruction
— The surfaces to be applied should be free from oil, dirt, rust and swollen paint residues.
— The old painted walls and wood surfaces must be sanded before application, the surface must be cleaned and priming with Newsan synthetic primer should be done.
— On old painted metal surfaces, the surface should be free from rust layer with fine sandpaper.
— If there is no sign of rusting, the surface should be primed with Newsan Lux anti-rust and then after the surface correction with fine sandpaper, the surface should be painted with Newsan luxury synthetic paint.
— After the new wood surfaces to be painted are saturated with wood impregnation, they should be primed with Newsan synthetic primer.
— Newsan Anti-rust should be applied to the newly painted iron and steel surfaces.
In two coats, one day should be waited between the coats.

Specifications
25°C and 50% Relative Humidity
— Structure : Alkyd resin based
— Thinner : Synthetic thinner
— Density : Approximately 1.18 gr/cm³
— Flash Point : 36°C
— Brightness (60°) : > 85

Thinning
— To bring the consistency of application with a roller or brush, apply two layers by thinning with 5-10% Newsan Paint Synthetic Thinner.
— In airless spraying, it can be applied in a single coat provided that it is thinned by 10% with Newsan Paint Synthetic Thinner, on condition that it creates sufficient film thickness.

Drying Time
— Application Temperature: + 10 °C / + 35 °C
— Touch dry: 4-5 hours Waiting time
— Between Coats : 24 hours
— Hard dry : 24 hours
— Drying Time: 24 hours for 2nd layer
— application.
— Hard drying: 12 hours.
— Lower temperature and higher relative humidity prolong the drying time.

WARNING: Drying times may be longer with higher relative humidity and lower temperatures.
Maximum covering is achieved when waiting time is taken into consideration and primer application is made.

Consumption
— According to the type, absorbency and structure of the surface to be applied with 1 liter can be painted on a single layer area of 18-20 m2 (25±5 µm dry film thickness).
— A controlled sample study should be carried out for precise consumption.

Application Tools
Brush, roll, spray gun

Packaging
0.75 lt. / 2.5 lt. / 15 lt. tin bucket

Storage
— In its unopened packaging, it can be stored in a cool and dry place, protected from frost and direct sunlight.
— To safely store the remaining paint when the product remains in the package, it should be added from the thinner used until the top of the paint is completely covered or the mouth of the packaging should be tightly closed, and it should be turned 180° 1-2 times.

WARNINGS AND RECOMMENDATIONS
— Application tools should be cleaned with thinner immediately after work.
— Ambient temperature should be between + 5 °C and + 30 °C during application.
— Cleaning of brushes and tools after application can be done with Newsan Synthetic Thinner.

Hazard Warnings
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.
S 1/2: Keep locked up and out of the reach of children.
S 13: It should be kept away from food, drink and animal feed.
S 20: Do not eat or drink while applying the product.
S 45: In case of accident or if you feel unwell, seek medical advice immediately. (Show the label to healthcare professionals.)
S 46: If swallowed, seek medical advice immediately and show this container or label.
S 53: Obtain special instructions for use before use.
S 56: Dispose of this product and its container at hazardous or special waste collection points.

Luxury Anti-Rust Paint

Definition
It is alkyd resin based, high coverage and rust preventing, lead-free, topcoat, luxury matte paint.

Areas of Use
It is applied on iron surfaces indoors and outdoors.

Advantages
— It has high covering power.
— It protects the iron surfaces against rust thanks to the pigments in its alkyd and anti-rust anticorrosive structure.
— It adheres perfectly to the surface to which it is applied.
— It does not contain lead.
— It creates a solid, smooth surface and makes the surface to be applied ready for the final layer application.

Application Instruction
— The surfaces to be applied should be cleaned from all kinds of pollution such as oil, rust.
— The surfaces to be primed for the first time should be thoroughly sanded, oil and dirt should be wiped with the base soaked in synthetic thinner, rusty surfaces should be cleaned with brush and scraper.

Specifications (20 ° C and 65% RH)
— Colors: Gray, Red, Green
— Structure: Synthetic alkyd resin based
— Thinner: Synthetic thinner
— Density: Approx. 1.60 g / cm^3 (± 0.1)
— Flash Point: 36 °C

Drying Time
— Application Temperature: + 5 °C / + 35°C
— Drying Time Topcoat: 4 hours
— Application drying: 24 hours
— Touch drying: 1-2 hours
— Lower temperature and higher relative humidity prolong drying time.

Thinning
It is thinned with 5-10% synthetic brush thinner when applied with brush and roller, 10-15% synthetic sprayer.

Primable Area
Depending on the application floor with 1 kg, 10-12 m^2 with 1 kg in one coat. Anti-rust primer can be made.

Packaging
1 kg. / 3 kg. / 20 Kg. Tin Bucket

Storage
— It is at least 1 year in its original unopened package in a cool and dry environment.
— To safely store the remaining paint when the product remains in the package, it should be added from the thinner used until the top of the paint is completely covered or the mouth of the packaging should be tightly closed, and it should be turned 180° 1 or 2 times.

Application Tools
Brush, roll, spray gun

Cleaning of Tools
Application tools should be cleaned with synthetic thinner immediately after use.

Hazard Warnings
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.
S 1/2: Keep locked up and out of the reach of children.
S 13: It should be kept away from food, drink and animal feed.
S 20: Do not eat or drink while applying the product.
S 45: In case of accident or if you feel unwell, seek medical advice immediately. (Show the label to healthcare professionals.)
S 46: If swallowed, seek medical advice immediately and show this container or label.
S 53: Obtain special instructions for use before use.
S 56: Dispose of this product and its container at hazardous or special waste collection points.

Rapid Primer (Primer)

Product Description
It is a solvent-based, matt-looking, fast-drying, industrial paint primer resistant to external weather conditions.

Application Areas
— All kinds of machine parts, (metal parts)
— Agriculture, home, garden tools, tractor, trailer, ecovat, transformer, auto radiator parts,
— It is used as a primer before barrel, valve, steel cabinet and table painting.
— It adheres well to metal surfaces.
— It is applied under Rapid industrial paint.

Surface Preparation
— The surfaces to be applied are cleaned from all kinds of materials that will reduce adherence.
— The surface temperature should be at least +10°C.
— Do not apply on wet and damp surfaces near dew point.

Ambient
— The old paint residues, concrete, plaster residues such as the surface to be applied should be cleaned by wire scrubbing or mechanical means.
— Salt should be removed by water-soluble substances, water washing, steaming or chemical treatment methods.
— Oil residues should be cleaned with alkaline or solvent washing.
— Rust on iron surfaces should be cleaned by wire brush, sanding or sandblasting method.
— Before applying the paint, it should be thoroughly mixed in the box and thinned correctly.
— Application should be performed in environments below +10°C above + 35°C.
— It must be kept away from the flames.

Application Apparatus
Airless pistol, paint pistole

Drying Time
— Touch drying 15 to 20 minutes
— Hard drying completes in 12 hours

Specifications
Flash Point: 20 °C

Consumption
Approximately 15m² / kg in a single coat.

Thinning
It should be thinned with 15-20% Industrial thinner.

Packaging
20 kg.

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Warnings & Suggestions
— Application tools should be cleaned with thinner immediately after work.
— Ambient temperature should be between +10°C / +35 °C.
— The temperature of the floor to be applied is between +10°C / +35°C,

Hazard Warnings
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.

RM-600
Rapid Matte Paint

Product Description
It is a solvent-based, matt-looking, fast-drying, industrial paint resistant to external weather conditions.

Areas of Use
— On all metal surfaces
— It is used in the painting of tools such as machinery, agriculture, home, garden tools, tractor, trailer, transformer, auto-radiator parts, barrel, valve, steel cupboard, table etc

Surface Preparation
— The application surfaces should be cleaned from all kinds of materials, dirt, rust and oil that will reduce adherence.
— If necessary, it should be primed with an industrial rapid primer

Application Details
— It is applied in two coats directly on metal or primed surfaces.
— The second coat should be applied within 1 hour after the first coat is applied and / or after completing the chemical drying.
— Applying the second coat without completing the chemical drying causes the paint film to wrinkle.

Thinning
It can be thinned 15-20% with industrial thinner

Drying time (23°C 50% relative humidity)
Completes touch drying in 15-20 minutes and hard drying in 12 hours.

Consumption
8-10 m² with 1 kg

Application Tools
Paint gun

Packaging
20 kg. Tin Box

Storage
— It should be stored in closed, protected places in its original packaging, protected from direct sunlight and frost.
— Storage life is 1 year in original.

Warnings & Suggestions
— Application tools should be cleaned with thinner immediately after work.
— + 10 °C + 35 °C during application.

Hazard Warnings
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.

RP-480
Rapid Bright Paint

Product Description
Alkyd resin based, solvent based quick drying, bright paint.

Areas of Use
— On all metal surfaces
— It is used in the painting of tools such as machinery, agriculture, home, garden tools, tractor, trailer, transformer, auto-radiator parts, barrel, valve, steel cupboard, table etc.

Surface Preparation
— The application surfaces should be cleaned from all kinds of materials, dirt, rust and oil that will reduce adherence.
— If necessary, it should be primed with industrial rapid primer.

Application Details
— After the packaging is opened, it is homogenized, preferably by mixing well with the mixer and adding 10-15% Industrial Thinner at the specified rate to the viscosity of the application.
— Directly onto metal or Newsan Rapid Newsan Rapid to primed surface with primer, the paint is applied by spraying method.
— It is recommended to apply to the lined surface for good results.
— It is applied in two coats directly on metal or primed surfaces.
— The second coat should be applied within 1 hour after the first coat is applied and / or after completing the chemical drying.
— Applying the second coat without completing the chemical drying causes the paint film to wrinkle.

Thinning
10-15% thinning is done with industrial thinner.

Drying time (23°C 50% relative humidity)
— Touch Drying: 15-20 minutes.
— Full Drying: 1-2 hours.

Consumption
Depending on the properties of the surface to be painted with 1 kg of paint 10-15 m² area can be painted.

Application Tools
Paint gun

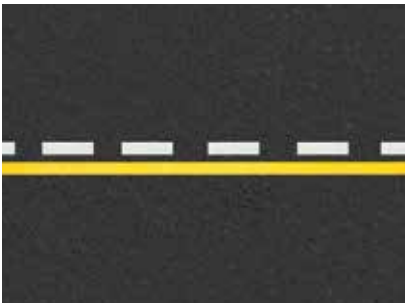
Packaging
15 kg. Tin Box

Storage
— It should be stored in closed, protected places in its original packaging, protected from direct sunlight and frost.
— Storage life is 1 year in original.

Warnings & Suggestions
— Application tools should be cleaned with thinner immediately after work.
— Ambient temperature +10°C / +35°C should be between.
— The temperature +10°C / +35°C, of the floor to be applied is between.

Hazard Warnings
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.

Newroad
Cold Road Line Paint



Product Description
It is an alkyd resin and chlorine rubber resin based, solvent based, matt appearance, quick drying, high UV resistance, impact resistant road marking paint.

Areas of Use
— It is used in marking of road lines on asphalt surfaces,
— In painting paving stones and car park marking.
— If it is to be used on concrete surfaces, the concrete must have been poured at least 1 month before application.

Advantages
— It has high adhesion strength.
— It is quick to dry and resistant to friction.
— It does not change color.

Application Details
— Before applying Newsan Road Line Paint, the surface area must be cleaned from materials such as stone chips, dirt and dust.
— Care should be taken to ensure that the surface is completely dry.
— When painting paving stones, missing parts should be corrected first and broken stones should be repaired.
— While marking road lines, it should not be applied on loose ground, worn aggregate surfaces.
— Application should be applied on a clean and dry asphalt surface provided that the ambient and asphalt temperature is minimum + 15ºC and relative humidity is maximum 50% in environmental conditions without precipitation and breeze.
— The product should be protected from pedestrian and vehicle traffic before it completes its hard drying (45 minutes at 25ºC).
— If a glass bead will be applied, glass beads are reflected to the paint at an angle towards the light coming from any source, and it is applied on it 1 minute after the paint is applied during the application phase, in order to ensure road safety especially in the night vision. Over time, they continue to act as reflectors and the road lines take on a bright appearance.
— During the application and until the complete drying of the products is completed, the ambient and surface temperature should be between +10°C and +35°C.

Drying Time
Touch drying;
— It completes in about 15 minutes.
Final drying (opening time to traffic);
— Approximately 45 minutes.
(Drying times may be longer with higher relative humidity and lower temperatures).

Thinning
— It should be thinned with industrial thinner or road line thinner.
— The thinning rate is 5-7%.

Consumption
— Depending on the type, absorbency and structure of the surface to be applied, 600-700 gr/m2 area can be painted on one layer for a dry film layer thickness of about 500 µm.
— A controlled sample study should be carried out for precise consumption.

Flash Point
<23°C

Packaging
20 kg tin bucket

Storage
— In its unopened packaging, it can be stored in a cool and dry place, protected from frost and direct sunlight.
— To safely store the remaining paint when the product remains in the package, it should be added from the thinner used until the top of the paint is completely covered or the mouth of the packaging should be tightly closed, and it should be turned 180° 1-2 times.

WARNINGS AND RECOMMENDATIONS
— Application tools should be cleaned with thinner immediately after work.
— Ambient temperature should be between +10 °C /+35 °C during application.

Hazard Warnings
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.
S 1/2: Keep locked up and out of the reach of children.
S 13: It should be kept away from food, drink and animal feed.
S 20: Do not eat or drink while applying the product.
S 45: In case of accident or if you feel unwell, seek medical advice immediately. (Show the label to healthcare professionals.)
S 46: If swallowed, seek medical advice immediately and show this container or label.
S 53: Obtain special instructions for use before use.
S 56: Dispose of this product and its container at hazardous or special waste collection points.

WARNING: It should not be used on polished concrete, the surface of which has been corrected with a helicopter polishing machine, and on surfaces that previously had an epoxy coating.

EPO 400
Epoxy Paint (Solvent Based)

Product Description
It is a solvent based, two component epoxy topcoat paint used on concrete floors and metal surfaces.

Application Areas
— It adheres perfectly to sheet metal, galvanized, aluminum, wood and mineral surfaces.
— It is used in water, seawater, chemicals and all kinds of wood, metal and mineral surfaces that are subject to wear.
— Its performance is very good in general industry, machine manufacturers, metal protection and marine applications

Advantages
— It has an excellent covering.
— It is applied by brush or roller.
— It should not be thinned except at specified rates.

Application Instruction
— The surfaces to be applied are cleaned from all kinds of materials that will reduce adherence.
— Metal surfaces should be sanded at least Sa2 ½ degree and primed with Epoxy Primer within 6 hours at the latest.
— After finishing the drying of the primer (after 12 hours), the application of the final coat is started.
— After mixing the final coat of paint with the specified proportions of hardener, it should be waited 5 minutes before application for the pre-reaction.
— The surface temperature should be at least +10°C. No application should be made around the dew point.

Paintable Area
600-800 gr/ m^2

Application Apparatus
Brush, roll, airless, pistole.

Drying Time (55% (± 5 °C) at 23 °C (± 2 °C)
— Hardening; In 12 hours
— Full drying; 3 days

Consumption
600-800 gr / m2 (minimum 3 layers)

Thinning
2-5% (when required) with epoxy thinner or cellulosic thinner

Packaging
20 Kg. (17.5 kg paint + 2.5 kg. hardener)

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Note
— It is not applied on sun-exposed surfaces. It has no resistance to sun and UV rays.
— It is not applied to old painted surfaces (water-based, plastic, oil paint, etc.).

EPO-P
Orange Peel Appearance Epoxy Paint

Product Description
Thanks to its two-component, epoxy-based, solvent-based orange peel roughness, it is a coating material that does not slip.

Application Areas
— It is applied on metal and concrete surfaces.
— In the coating of concrete marble and mosaic floors,
— In industrial floors, warehouses,
— In the coating of loading / unloading areas,
— It is applied as a rough finish in the parking lot and service areas.

Advantages
— It is suitable for pedestrian traffic.
— It is possible to repair.
— It does not allow wear and friction.

Ambient
— Hardener is added to the main material.
— It is mixed with a low speed mixer for 5 minutes until a homogeneous mixture is obtained.
— The prepared mixture is poured into damaged areas for repair and leveled with trowel.

Application Apparatus
Brush, roll, airless, pistole.

Drying Time
Hardening; 12 hours

Consumption
0.5 - 0.6 kg. / m² in a single coat

Thinning
It is ready for use.

Packaging
20 Kg. (17.5 kg resin + 2.5 kg. hardener)

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Warnings & Suggestions
— Application tools should be cleaned with thinner immediately after work.
— Ambient temperature should be between +10°C / +35 °C.

Hazard Warnings
R 10: Flammable.
R 65: Harmful: May cause lung damage if swallowed.

Note
— It is not applied on sun-exposed surfaces.
— It has no resistance to sun and UV radiation.

Solvent Based Epoxy Primer

Product Description
It is a solvent-based, two-component, epoxy paint primer used on concrete floors and metal surfaces.

Application Areas
— It creates a solid smoothness for the paints to be applied on it, with a two-component reaction drying epoxy resin based and high filling strength cured with polyamide hardener.
— It has good adhesion property.
— It is used as an anticorrosive primer in areas where high corrosion resistance is required for priming water, seawater, chemicals, all kinds of wood, metal and mineral surfaces that are subject to wear.
— It adheres perfectly to sheet metal, galvanized and aluminum surfaces.
— Its performance is good in general industry, machine manufacturers, metal protection and marine applications.

Advantages
— It adheres well to light metals and sheet metal surfaces.
— It creates a smooth surface for all kinds of air and oven-dried finishes to be applied on.
— It is used before topcoat paints such as epoxy, polyurethane and oil paint.

Application Instruction
— The surfaces to be applied are cleaned from all kinds of materials that will reduce adherence.
— Metal surfaces should be sandblasted and primed with Epoxy Primer within 6 hours at the latest.
— 7 parts of Epoxy Primer and 1 part of Epoxy Primer Hardener are mixed. Wait for 5 minutes.

— It is thinned by 10-15% with Epoxy Thinner or cellulosic thinner depending on the surface and ambient temperature to be applied.

Paintable Area
Depending on the application, 200-250 gr / m² (single layer) area can be covered.

Application Apparatus
Brush, roll, airless, pistole.

Drying Time (55% (± 5 °C) at 23 °C (± 2 °C)
— Touch drying depending on thickness; 5-6 hours.
— You should wait at least 12 hours to apply a coat on it.
— It reaches its mechanical resistance in 4-6 days.

CONSUMPTION
200-250 gr / m² (single layer)

THINNING
— 10 -15% epoxy thinner or cellulosic thinner should be used for thinning.
— Mixture 17.5 kg. Epoxy Primer + 2.5 Kg. Epoxy Primer Hardener

Packaging
20 Kg. (17.5 kg paint + 2.5 kg. hardener)

Storage
It can be stored for 1 year in unopened packaging, in a cool place, protected from direct sunlight and frost.

Note
— It is not applied on sun-exposed surfaces. It has no resistance to sun and UV radiation. It
— is not applied to old painted surfaces (water-based, oil paint).

Solvent Free Epoxy Primer
(Transparent)

Product Description
It is an epoxy resin based, two component polyamide hardener, solvent free epoxy primer (transparent).

Application Areas
— It creates a solid smoothness for the paints to be applied on it, with a two-component reaction drying epoxy resin based and high filling strength cured with polyamide hardener.
— It has good adhesion property.
— It is used as an anticorrosive primer in areas where high corrosion resistance is required for priming water, seawater, chemicals, all kinds of wood, metal and mineral surfaces that are subject to wear.
— It adheres perfectly to sheet metal, galvanized and aluminum surfaces.
— Its performance is good in general industry, machine manufacturers, metal protection and marine applications.
— It provides high performance in schools, hospitals, production areas, indoor parking, shopping centers.

Advantages
— Solvent free,
— It can be applied in hospitals, laboratories, schools.
— Suitable for use in drinking water tanks.

Application Details
— It is used for pre-paint priming of surfaces such as metal, wood, concrete.
— 12 kg epoxy primer is added to 6 kg hardener and it is waited for 2 minutes. And then, it is applied. Sandblasting should be applied after the primer is pulled with a steel trowel. (Quartz sand or silica sand can be used.)

Application Apparatus
Steel trowel

Thinning
It is ready for use

Drying Time (50% /±5 °C) at 25 °C (± 2 °C)
— Aspect : Transparent
— Drying Temperature: 50% relative humidity at 25°C
— Drying Time: 24 hours
Touch Time: 2 hours (min.)
Mechanical Resistance: 7-8 days

Paintable Area
200-250 gr / m² (Consumption varies according to the application thickness or surface smoothness.

Packaging
12+6 kg (18 kg Set)

Shelf Life
1 year from the date of production in drought and dry environment.

Application Requirements

— The ambient temperature should be between +10 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.

Warnings & Suggestions

— It is not applied on sun-exposed surfaces.
— It has no resistance to sun and UV radiation.
— Epoxy, oil, polyurethane paint can be applied on it. (solvent free)
— Foreign materials must not be added.
— It is not applied to old painted surfaces (plastic, oily etc.).

Epoxy Intermediate Coat Floor

Product Description
It is an epoxy resin based, two component polyamide hardener, solvent free epoxy intermediate coat paint.

Application Areas
- It creates a solid smoothness for the paints to be applied on it, with a two-component reaction drying epoxy resin based and high filling strength cured with polyamide hardener.
- It has good adhesion property.
- It is used as an intermediate layer in areas where high corrosion resistance is required for lining water, sea water, chemicals, all kinds of wood, metal and mineral surfaces exposed to abrasion.
- It adheres perfectly to sheet metal, galvanized and aluminum, concrete, wood surfaces.
- Its performance is good in general industry, machine manufacturers, metal protection and marine applications.
- It provides high performance in schools, hospitals and manufacturing areas. (Covered parking lot, Shopping Centers)

Advantages
- Solvent free,
- Mechanical, physical and chemical resistance is high.

Application Surfaces
- It is applied with a steel trowel on a surface coated with a solvent free epoxy primer and sandblasted.
- 4 kg hardener is added to 16 kg intermediate layer and mixed for 2 minutes. Then, it is started to be applied with a steel trowel.

Application Apparatus
Steel trowel

Thinning
It is ready for use.

Paintable Area
800-1000 gr / m² (Consumption varies according to the application thickness.

Drying time (20 °C, 50% Relative Humidity)
- Appearance : Gray
- Touch Time : 2 hours (min.)
- Drying Time : 24 hours
- Mechanical Resistance: 7-8 days

Packaging
16+4 kg (20 kg Set)

Shelf Life
1 year from the date of production in drought and dry environment.

Application Requirements

— The ambient temperature should be between +10 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.

Warnings & Suggestions

— It is not applied on sun-exposed surfaces.
— It has high resistance against sun and UV radiation.
— Foreign materials must not be added. After application, all tools used should be washed with water before drying.
— It is not applied to old painted surfaces (plastic, oily etc.).

Solvent-Free Epoxy Finish Coat Paint

Product Description
It is an epoxy resin based, two component polyamide hardener, solvent free topcoat paint.

Application Areas
— It creates a high filling strength and a solid smoothness with two component reaction cured epoxy resin based and cured with polyamide hardener.
— It has good adhesion property.
— It adheres perfectly to sheet metal, galvanized and aluminum surfaces.
— Its performance is good in general industry, machine manufacturers, metal protection and marine applications.
— It provides high performance in schools, hospitals and manufacturing areas. (Covered parking lot, Shopping Centers)

Advantages
— Solvent free,
— Mechanical, physical and chemical resistance is high.
— It can be used in drinking water tanks

Application Surfaces
— It is applied as topcoat paint on solvent-free epoxy primer and / or solvent-free epoxy interlayer applied on surfaces.
— 6 kg of hardener is added to 18 kg of paint, mixed for 2 minutes, and then applied with a steel trowel

Application Apparatus
Steel trowel

Thinning
It is ready for use.

Packaging
Desenli yüzeylerde 17+3 kg (20 kg)
Self Leveling Yüzeylerde; 20+4 kg (24 kg Set)

Drying Time (50% /±5°C at 23°C/±2°C)
Appearance: Colored
Touch Time: 2 hours (min.) Drying Time: 24 hours Mechanical Resistance: 7-8 days

Paintable Area
800-1500 gr / m² (Consumption varies according to the application thickness

Shelf Life
1 year from the date of production in drought and dry environment.

Application Requirements

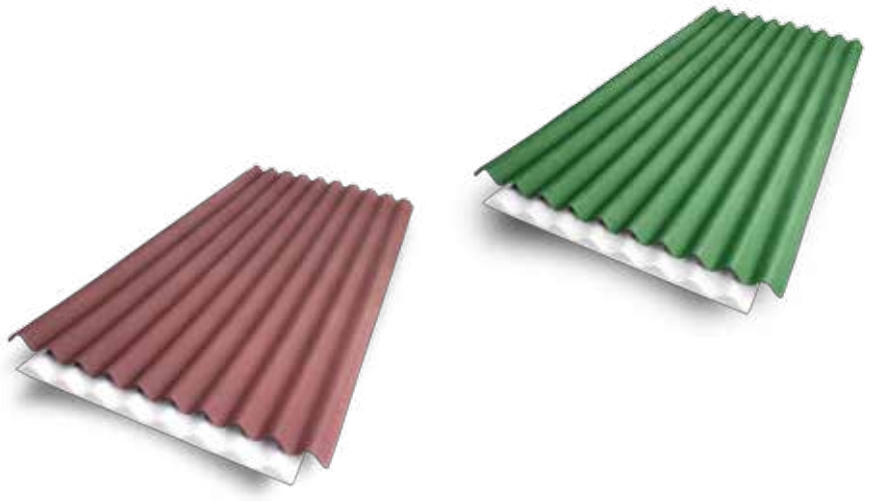
— The ambient temperature should be between +10 °C and +35 °C.
— Application in very humid and / or very hot weather should be avoided.
— It should not be applied on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.

Warnings & Suggestions

— It is not applied on sun-exposed surfaces.
— It has no resistance to sun and UV radiation.
— Foreign materials must not be added.
— It is not applied to old painted surfaces (plastic, oily etc.).

NEWOLINE

Corrugated Roofing Sheets



Newoline Roof and Facade Siding

Product Description
Bitumen-impregnated organic fiber sheets.

Areas of Use
Industrial, rural, commercial buildings, individual and public housing.

Application Surfaces
— Roofing,
— Facade siding,
— Other areas.

Advantages
— It is a roof and facade siding material manufactured as a durable, water impermeable and aesthetic material.
— Our sheets are easy to carry and apply due to their light structure.
— With our Newoline roof and siding sheets, the value of your constructions increases and protects your structures due to their longevity.
— Your roofs covered with Newoline mean long-lasting, aesthetic, waterproof and soundproof living space.
— It can easily be applied to flat or sloping roofs.

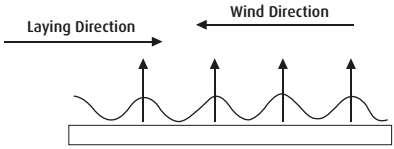
Features
Easy Application
— Thanks to its lightweight and flexible feature, Newoline boards can be easily transported on the roof where the application will be made.
— Curved knife, nails and hummer are enough to cut the product to the desired size and to make the application.
— Newoline boards are a product that can be applied to garages, gardens, industrial and rural areas and your roofs.

Lightness
It is very light for old or new roofs with a weight of only 3.5 kg/m². It is easy to carry.

It's Waterproof.
Newoline boards are produced in accordance with climatic conditions.

Resistance
— Newoline boards are produced in accordance with climatic conditions.
— It is produced from the combination of bitumen impregnated organic fiber and a newly developed special resin.
— Thanks to the special method we developed, Newoline boards have been made much more durable.

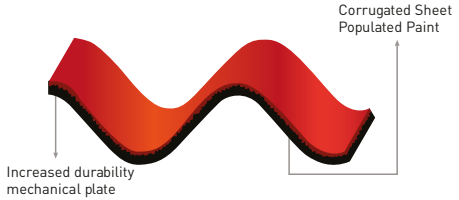
Application Principles
— Covering boards are suitable for roof types with reinforced concrete plates, steel profiles, without thermal insulation or with insulation.
— It is easy to apply.
— It's easy to cut and move.
— It can be easily applied on flat or curved surfaces, steep roofs with more or less slope.
— It can be applied to building facades.



Width (W)	TS EN 534+A1	970 mm (2%)
Length (L)	TS EN 534+A1	2000 mm (+1.0% to -0.2%)
Thickness (e)	TS EN 534+A3	3 mm (±10%)
Groove Height (H)	TS EN 534+A4	35 mm (±6%)
Groove Step (p)	TS EN 534+A5	10 mm (±3%)
Deviation of Edges from Suture	TS EN 534+A6	E: not more than 4 mm / m
Bending Under Vertical Load Effect	TS EN 534+A7	For category R ⇖1400 N/m²
Impact Resistance	TS EN 534+A8	For category R: 400 mm
Bitumen Ratio	TS EN 534+A9	≥40%
Thermal Expansion Coefficient	TS EN 534+A10	<100 x 10-6 1/K
Mass Amount	TS EN 534+A11	A plate weight is 6.5 kg. (+10%)
Fire Response Class	TS EN 13501-1	E
Packaging	350 SHEETS / PALLET / 250 SHEETS / PALLET	
Colors	RED, GREEN, BROWN, BLACK	

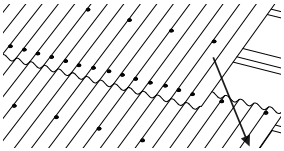
System Description

— Newoline boards are organic fiber sheets impregnated with bitumen, and their strength is increased with groove geometry.
— It is produced for use in all conditions and climates with the special resin used in conjunction with the paint layer.



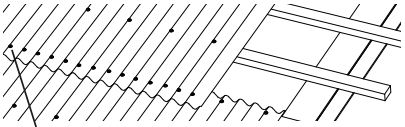
Application Principles

Basic application areas to be used in all slopes and building systems;



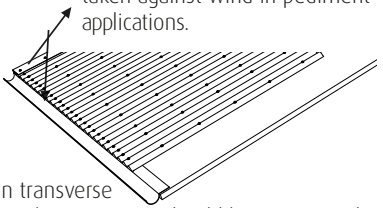
In successive rows, half plate lap should be made,

the second row should be started with a half plate.



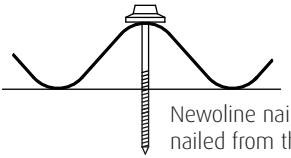
n longitudinal overlays, a nail should be inserted into each groove, and two plates should be held together.

Necessary precautions should be taken against wind in pediment applications.

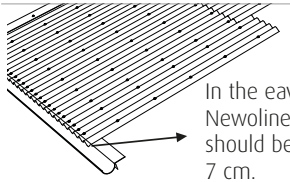


In transverse overlays, a groove should be set to overlap, and the nails should be nailed to the plates suddenly.

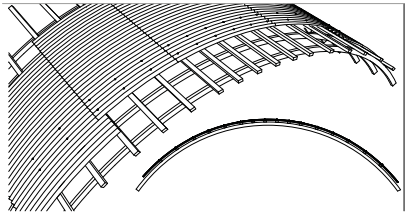
Newoline boards should be applied in the opposite direction of the prevailing wind.



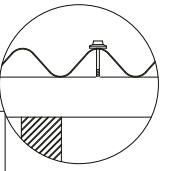
Newoline nails should be nailed from the top of the groove.

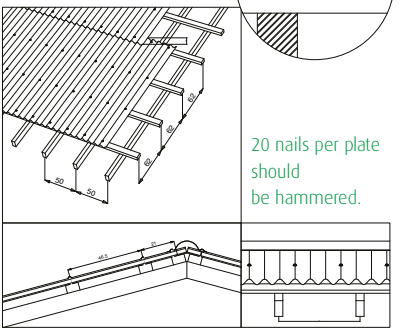


In the eaves, the Newoline plate should be free 7 cm.



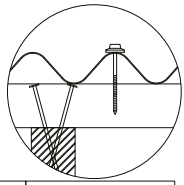
If the slope is 21% and above; Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm Wood Purline Galvanized Plastic-Headed Mono-bloc Nail; 8 cm Wooden Rafter

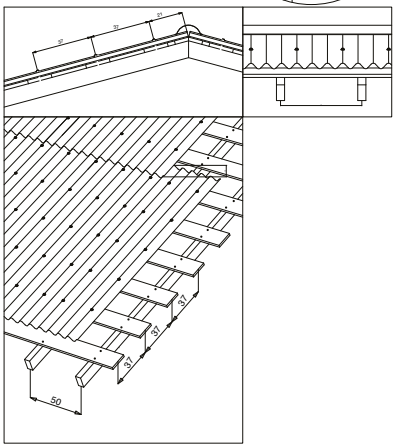




20 nails per plate should be hammered.

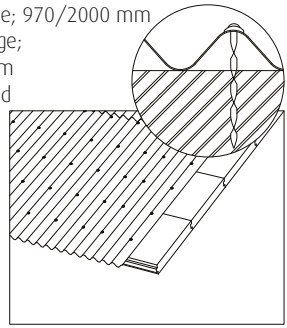
If the slope is 21% and above; Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm
Wood Purline; 5/8 Galvanized Plastic-Headed Mono-bloc Nail; 8 cm Wooden Rafter

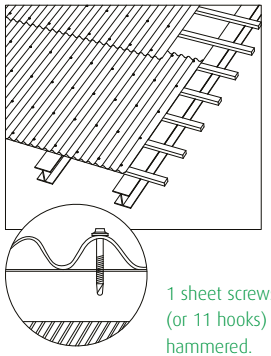




Newoline Plate; 970/2000 mm Newoline Ridge; 48.5x2000 mm Special twisted nails, Lightweight concrete roof

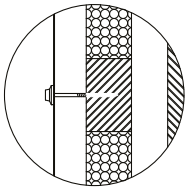
Per plate
11 special twisted nails



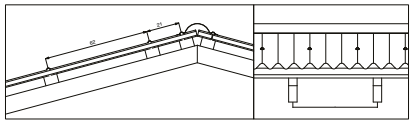


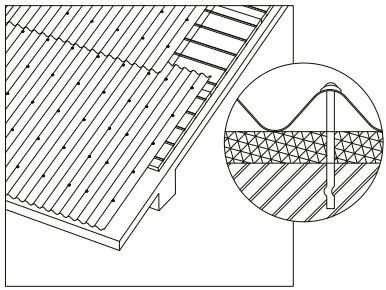
Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm Steel Purline 40x60 Box profile 6.3x60 drill tipped screw Hook; 18cm

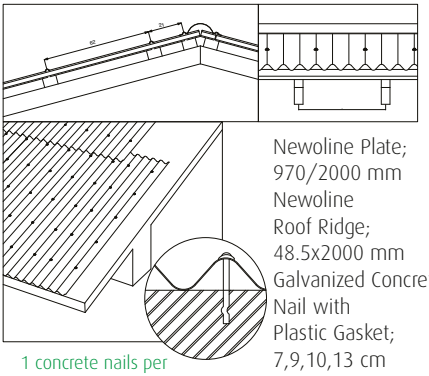
1 sheet screws (or 11 hooks) must be hammered.



Newoline Plate; 970/2000 mm 5/5 Dial Plate Glass Wool d-8 cm. polystyrene foam; d-5 cm. Galvanized plastic capped mono-block nail 8 cm.





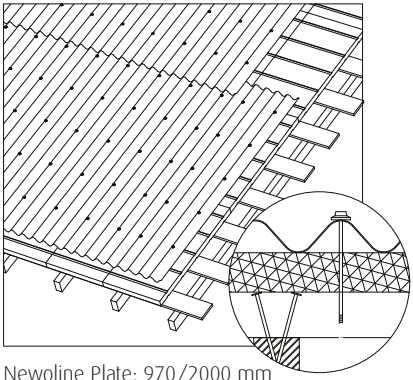


Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm Galvanized Concrete Nail with Plastic Gasket; 7,9,10,13 cm Reinforced concrete roof

1 concrete nails per plate must be hammered.

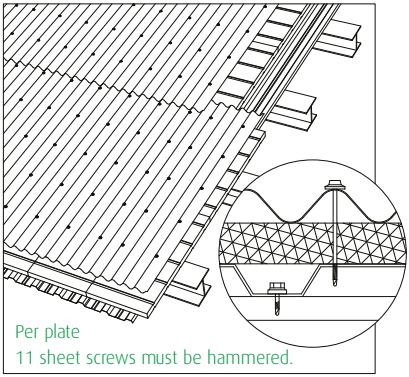
Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm
EPS or XPS
Galvanized Concrete Nail with Plastic Gasket
Reinforced Concrete Roof
Ø; Hole Diameter
X; Hole Depth 40 mm.

11 Newoline concrete nails per plate must be hammered.



Newoline Plate; 970/2000 mm
Newoline Roof Ridge; 48.5x2000 mm
Veneer Board 2/12
Monoblock nail with galvanized plastic cap; 10 cm. EPS or XPS

Per plate 6. 3x22 drill-point screw
20 nails must be hammered.



Newoline Plate; 970/2000 mm Newoline Roof Ridge; 48.5x2000 mm EPS or XPS
065mm trapezoidal sheet 27/200
6. 3x22 drill-point screw
20 nails must be hammered.
Drill-tipped screw Steel purlin

Storage & Transport Conditions

- Pallets should never be placed on top of each other, they should be protected from sun and rain, they should be kept indoors.

- During storage, at most two pallets can be placed on top of each other, absolutely three pallets should not be placed on top of each other. Otherwise, the dimensional stability of the bottom palette may change.

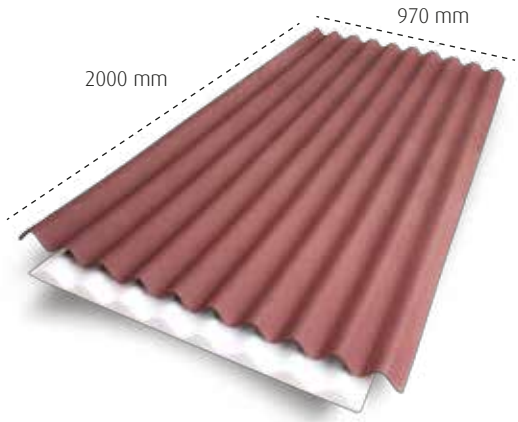
- Certainly no more than two pallets should be moved at once.

- Pallets with damaged packaging should be stocked in closed environments.

- Sheets should be stored in closed plastic packaging. If not packaged, there may be water leakage.

- Newolin plates should not be stored in open areas that receive rainfall.

- Sheets should not be dragged during application or transport, should be lifted and moved.



Width (W)	:	970 mm (±%2)
Length (L)	:	2000 mm (±%1)
Net Coverage	:	1.58 m2 (±%2)
Groove Height (H)	:	35 mm (±%6)
Number of Grooves	:	10 grooves / sheet
packing	:	350 sheets / pallet
Thickness (e)	:	3 mm (±%10)
Bitumen Ratio	:	Min. %40

Ridge

Aspect : 48.5 cm x 200 cm

Quantity : 0.54 adet / m

Packing : 20 adet paket

Galvanized Monoblock Nail

Diameter : 3 mm

Size : 8 cm / 10 cm

Packing : 400 pcs / box

Newoline Six Corrugated Styrofoam Sheet B1 Class

Product Description
It is a thermal insulation material manufactured from Eps Polystyrene (styrofoam) material in Newoline form, ready-to-use plate.

— **Advantages**
Thanks to the Newoline form, it is
— one-to-one compatible with the material.
It is 85 × 185 cm in size, making it easy to
— store, to move to roof and mount.
Made from 10 Density Eps thermal
— insulation material.
Newoline six styrofoam solves the problem
— of sweating roofs.
Thanks to thermal insulation, it saves fuel.
— It absorbs sound and provides insulation.
— It reduces your total roof construction cost at a more affordable price.
— It prevents heat losses that are too much on roofs.
— It creates comfortable spaces.
— It prevents deformities that occur over time in your corrugated boards.

Technicial Specifications

— Form Raw	: Newoline Form
— Material Color Density	: EPS (Extruded Polystyrene)
— Color	: White
— Density	: 10 Density
— Measure	: 85x185 cm.
— Groove Depth:	: 40 mm.

Asmolen

Product Description
It is a ceiling, floor and filling element with high heat and sound insulation made of polystyrene.

Advantages
— Asmolen Styrofoam is light, it does not bring additional weight to the structure.
— It is easy to transport, placement on the deck is fast and effortless,
— It provides heat, sound and impact insulation,
— In a cool and ventilated environment, between the floors,
— In the applied structures, there is no burden on the building, it saves iron and concrete.
— It reduces the cost of building,
— It reduces transport labor by 80%,
— It is applied instead of zero waste,
— EPS POLYSTYRENE reduces the insulation and sound permeability between the floors due to its thermal insulation material,
— The fiber net laid on the mold during the application eliminates the risk of cracking after plastering.

Ambient
— Concrete is laid after placing anchors on Newkim EPS Asmolen placed between the transport beams under the concrete.
— The floor is created by laying screed on top of the concrete.
— A thin layer of plaster is applied to the lower surface (ceiling of the lower floor) first.
— A plaster net is placed on top of the plaster.
— Plaster is laid on the net with appropriate qualities.
— Finally, paint is applied to the ceiling.

Technicial Specifications
Density; Ranges from 10-20 kg/m³.

Dimensions;
— Length: 100 cm.
— Width: 40 cm.
— Thickness; 20-23-25-28-30 cm.

Storage
— It should be stored separately from flammable products such as solvent and thinner.
— It should not be exposed to direct sunlight.
— It should not be placed near heat sources

EPS Thermal Carbon Reinforced

Product Description
It is an EPS thermal insulation board developed for wall insulation applications.

Areas of Use
Newkim EPS Thermal Insulation Board is a coating product developed for external wall insulation applications.

Advantages
— It is manufactured to meet TS EN 13449 (13.11.2006) ETICS requirements.

Application
— Newkim Thermal Insulation Adhesive Mortar should be applied all around, paying attention to remain 5 mm from the edges, surrounding the EPS Thermal Insulation Board (Carbon Reinforced).
— 3 large pieces of Newkim Adhesive Mortar should be applied on the middle part point by point.
— It should be noted that 40% of the insulation board is covered with Newkim Adhesive Mortar.
— Adhesive should not be glutted to the joints in order not to act as a conductor.
— Depending on the weather conditions, Newkim Thermal Insulation Board Plastering Mortar can be applied to the adhered thermal insulation boards after 2 days.
— Newkim Thermal Insulation Board (carbon reinforced) should be laid upwards, continuously and obfuscatory starting from the bottom.
— Boards coming from opposite directions should be superimposed on each other at the corners.
— Dowelling should be started after the adhesive is completely dry (24 hours).
— Dowelling should be done in such a way that there is no protrusion on the surface.
— Doweling should be done at least 6 pieces/m². More dowels should be used in the corners and around the windows.
— After doweling the entire surface, plaster application can be started.
— Corner profiles must be used at weak points such as corners and window edges.

Teknik Özellikler
— Yoğunluğu (Density); 16 kg/m²
— Boyutları; 1000x500 mm.
Isı İletkenlik Değeri; 0.032 W/mk
Kalınlık; 2-3-4-5-6-7-8
—

Depolama
Serin ve havalandırılmış bir ortamda,
— solvent, tiner vb. yanıcı ürünlerden ayrı olarak depolanmalıdır.
— Doğrudan güneş ışınlarına maruz kalmamalıdır.
Isı kaynaklarının yakınına konulmamalıdır.

EPS Thermal

Product Description
It is an EPS Thermal Insulation Board developed for external wall insulation applications.

Areas of Use
Newkim EPS Thermal Insulation Board is a coating product developed for external and internal wall insulation applications.

— **Advantages**
It is manufactured to meet TS EN 13449 (13.11.2006) ETICS requirements.

Ambient
— Newkim Thermal Insulation Adhesive Mortar should be applied all around, paying attention to remain 5 mm from the edges, surrounding the EPS Thermal Insulation Board (Carbon Reinforced).
— It should be noted that 40% of the insulation board is covered with Newkim Adhesive Mortar.
— Adhesive should not be glutted to the joints in order not to act as a conductor.
— Depending on the weather conditions, Newkim Thermal Insulation Board Plastering Mortar can be applied to the adhered thermal insulation boards after 2 days.
— Newkim Thermal Insulation Board (carbon reinforced) should be laid upwards, continuously and obfuscatory starting from the bottom.
— Boards coming from opposite directions should be superimposed on each other at the corners.
— Dowelling should be started after the adhesive is completely dry (24 hours).
— Dowelling should be done in such a way that there is no protrusion on the surface.
— Doweling should be done at least 6 pieces/m². More dowels should be used in the corners and around the windows.
— After doweling the entire surface, plaster application can be started.
— Corner profiles must be used at weak points such as corners and window edges.

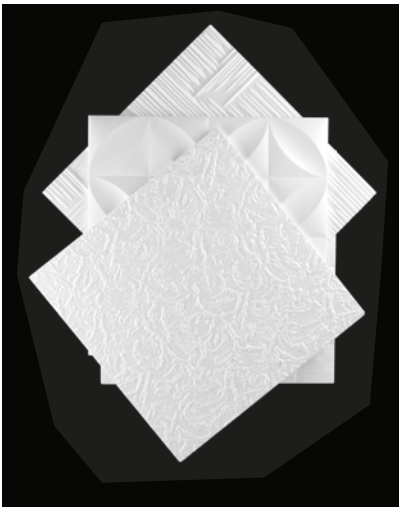
Technicial Specifications
— Density; 16 kg/m²
— Dimensions; 1000x500 mm.
— Thermal Conductivity Value; 0.032 W/mk
— Thickness; 2-3-4-5-6-7-8

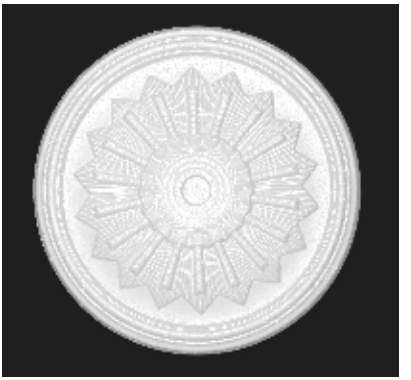
Storage
— It should be stored separately from flammable products such as solvent and thinner in a cool and ventilated environment.
— It should not be exposed to direct sunlight.
— It should not be placed near heat sources.

Stropier & Papier-Mache Adhesive

Product Description
Adhesive used for bonding polystyrene, papier-mache, ceiling core and polyurethane wooden beam.

Usage Areas
— EPS Ceiling coating
— EPS Lamp core,
— Stropier corner covering





Our EPS Ceiling Covering, EPS Lamp Core, Stropier Corner Covering products are available at our dealers under the brand Newboard.
We have 7 types of Stropier corner coverings, 4 models of Lamp Core and 5 models of Ceiling coverings.

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