



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/mm ² (28 days later)
Bending Strength	>3 N/mm ² (28 days later)
Adhesion Strength	>1 N/mm ² (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