



## 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% ( $\pm 5$  °C) relative humidity

Appearance	Gray colored fine powder
Powder Density	1,65 kg. / Lt. ( $\pm 0.1$ )
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	$\geq 0.5$ N/mm <sup>2</sup>

