



## 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% ( $\pm 5$  °C) relative humidity environment at 23 °C ( $\pm 2$  °C).

Appearance	Tile red fine powder
Powder Density	1.65 kg/Lt. ( $\pm 0.1$ )
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	$\geq 0.3$ N/mm <sup>2</sup>
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