



## Mortar for Tile Ceramic Bonding

### Product description

It is a cement-based, single-component powder mortar produced in accordance with TS EN 12004-1: 24.04.2017 C1 standards, used 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, rubber hammer.

### Warnings and Recommendations

- 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% ( $\pm 5$  ° C) at 23 ° C ( $\pm 2$  ° C). Bilgiler; 23°C

View	White and Gray
Powder Density	1.65 kg. / Lt. ( $\pm 0.1$ )
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 (Wall and Floor)	On the wall; 24 hours 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 / mm <sup>2</sup> (EN 1346)
Adhesion Strength	$> 0.5$ N / mm <sup>2</sup> (28 days) (EN 1348)
Fire Response Class	A1



**Consumption**  
3-5 kg / m<sup>2</sup>



**Packing**  
25 kg. Kraft bag.



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



**Color**  
White  
Gray