



## Granite Ceramic Adhesive Mortar

### Product Description

Cement-based glazed porcelain, porcelain ceramic and granite ceramic adhesive mortar with reduced slip, open hold time extended, high performance, produced in accordance with TS EN 12004-1 (2017) +A1 standard. (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% ( $\pm 5^{\circ}\text{C}$ ) at  $23^{\circ}\text{C}$  ( $\pm 2^{\circ}\text{C}$ ).

Appearance	White and Gray
Powder Density	1.60 kg/ Lt. ( $\pm 0.15$ )
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	$\leq 0.5$ mm (EN 1308)
High Initial Tensile Strength Fire Grade	$\geq 1$ N/mm <sup>2</sup> (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