

## BS-110 / PORCELAIN CERAMIC AND GRANITE ADHESIVE MORTAR

### PRODUCT DESCRIPTION

Cement based, high performance ceramic, granite and porcelain adhesive mortar with reduced slip.

### USAGE AREAS

Bestkim BS-110 porcelain ceramic and granite adhesive mortar; small, medium and large sized floor-wall ceramics, travertine, decorative bricks, granite, marble, porcelain coating materials such as horizontal and vertical flexibility and strength are required in bathrooms, kitchens, etc. It is used on surfaces such as concrete, plaster, screed in places.

### PRODUCT ADVANTAGES

Cement based, polymer reinforced ceramic and granite adhesive mortar

It is durable and long lasting.

It has an extended open hold time.

The slip feature is reduced.

It has high tensile adhesion force.

### PERFORMANCE

Initial Tensile Strength	EN 12004-2	≥1 N/mm <sup>2</sup>
Tensile Adhesion Force After Immersion	EN 12004-2	≥1 N/mm <sup>2</sup>
After Heat-Aging tensile adhesion force	EN 12004-2	≥1 N/mm <sup>2</sup>
After Freeze-Thaw cycles tensile adhesion force	EN 12004-2	≥1 N/mm <sup>2</sup>
Open residence time: shrinkage adhesion strength	EN 12004-2	≥1 N/mm <sup>2</sup>
Slippage	EN 12004-2	<0.5 mm
Flexibility (S2)	EN 12004-2	≥ 0.5 mm
Fire class		A1

These values are in laboratory conditions; It was obtained as a result of experiments carried out in 23 ± 2°C and 50% ± 5% relative humidity environment. The values given in the table may differ depending on the surface and ambient conditions.

### TECHNICAL SPECIFICATIONS:

(23 ± 2°C and 50±5% relative humidity)

### APPLICATION INFORMATION:

Application temperature: ( 5) - ( 35) C°

Temperature Resistance: (-30) - ( 70) C°

Mixing Ratio: 6 - 7 lt water / 25 Kg powder

Color: Gray

Pot Life: 3 Hours Usage time: 8 hours on the wall - 1 day on the floor

Consumption Average: 4.5 - 5 Kg/m<sup>2</sup>

### REFERENCE STANDARDS

Approvals/Standards 12004-1

### SURFACE PREPARATION:

Curing the surface The surface must be cleaned of residues that will prevent adhesion. Defects on the application surface should be corrected with Bestkim repair mortar:

## APPLICATION INSTRUCTIONS

25 Kg Bestkim BS-110 Ceramic, Granite and Porcelain Adhesive Mortar should be poured slowly onto 6-7 liters of water and should be mixed until a homogeneous mixture is obtained. Mixing should be done with a low speed mixer. Any additive not specified in the application instructions should not be added. 5 minutes for the prepared mortar to mature, should be rested. It should be mixed again for 1-2 minutes before starting the application. In order to obtain a better adhesion surface, after the mortar is spread on the surface with the flat part of the trowel, it should be combed with the toothed part of the trowel selected in accordance with the tile size. Tiles, 20 min. It should be adhered by applying force with a rubber hammer on the notched mortar. This period may be shortened in applications made under unsuitable ambient conditions such as high temperature, low humidity, sun and wind. Adhesion should not be done on the expired mortar; the mortar should be scraped from the surface. The prepared mortar should be consumed within 3 hours. Expired or crusted mortar in the container should be discarded. After application, hands and application tools should be washed with plenty of water. Surfaces should be wiped with a damp cloth, should be cleaned. Tiles adhered with Bestkim BS-110 Ceramic, Granite and Porcelain Adhesive Mortar should be avoided for at least 24 hours in direct contact with water. After application, grouting should be done after 8 hours on the wall and 1 day on the floor.

## EQUIPMENT CLEANING

After the application, the mortar on the used equipment should be cleaned with water before it dries.

## PACKAGING

Bestkim BS-110 Ceramic, Granite and Porcelain Adhesive Mortar is presented in net 25kg kraft bags and a total of 80 bags (2000 kg) on a 105x105 cm pallet.

## SHELF LIFE:

12 months in its unopened package in a dry environment.

## STORAGE CONDITIONS

It should be stored in a dry (max. 60% relative humidity) and cool (temperature between 5°C and 25°C) environment in its unopened original packaging. It should not be left under direct sunlight. The mouth of the containers should be tightly closed when not in use. It should be stored in a dry environment with a maximum of 10 layers.

## SAFETY RECOMMENDATIONS

Please refer to the Safety Data Sheet for easy and safe application of the product. (SDS). Do not breathe the dust as it is cement based. Do not contact eyes.

## CERTIFICATE OF CONFORMITY

