

## BS-103 / PLUS CERAMIC AND TILE ADHESIVE MORTAR

### PRODUCT DESCRIPTION

Cement-based ceramic and tile adhesive mortar with reduced slip and extended open time.

### AREAS OF USAGE

Bestkim BS-103 Plus Ceramic and Tile Adhesive Mortar is used for the application of coating materials such as small and medium sized floor-wall ceramics, travertine, decorative bricks on surfaces such as concrete, plaster and screed, both horizontally and vertically, in places such as bathrooms and kitchens.

### PRODUCT ADVANTAGES

Cement based, polymer reinforced ceramic adhesive mortar

It is durable and long lasting.

The open hold period has been extended.

The slip feature is reduced.

It is easy to prepare and apply.

### PERFORMANCE

Initial Tensile Adhesive Force	EN 12004-2	≥0.5 N/mm <sup>2</sup>
Tensile Adhesion Force After Immersion	EN 12004-2	≥0.5 N/mm <sup>2</sup>
Tensile Adhesion Force After Heat-Aging	EN 12004-2	≥0.5 N/mm <sup>2</sup>
Tensile Adhesion Force After Freeze-Thaw cycles	EN 12004-2	≥0.5 N/mm <sup>2</sup>
Open time: tensile adhesion force	EN 12004-2	≥0.5 N/mm <sup>2</sup>
Slip	EN 12004-2	<0.5 mm
Combustion class		A1

These values are under 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 temperature: ( 5) - ( 35) C°

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

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

Color: White

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

The surface is cured and Care must be taken to ensure that it is solid. The surface must be cleared of residues that will prevent adhesion. Defects on the application surface should be corrected with Bestkim repair mortar

## APPLICATION INSTRUCTIONS

25 Kg Bestkim BS-103 Plus Ceramic and Tile Adhesive Mortar should be poured slowly onto 6-7 liters of water and mixed until a homogeneous mixture is obtained. Mixing should be done with a low speed mixer. Any additives 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 cleaned with a damp cloth. Tiles adhered with Bestkim BS-102 Plus Ceramic and Tile Adhesive Mortar take at least 24 hours. Avoid 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-103 Plus Ceramic and Tile Adhesive 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 unopened packaging in dry conditions.

## STORAGE CONDITIONS

It should be stored in its unopened original package, in a dry (max. 60% relative humidity) and cool (temperature between 5°C and 25°C) environment. 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 stack of 10 layers.

## SAFETY RECOMMENDATIONS

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

## CERTIFICATE OF CONFORMITY

