

**BS-100 / CERAMIC AND TILE ADHESIVE MORTAR****PRODUCT DESCRIPTION**

Bestkim B-100 is a cement based tile and ceramic adhesive.

**USAGE AREAS**

Bestkim ceramic and tile adhesive mortar is used in the application of coating materials such as small and medium sized floor-wall ceramics, travertine, decorative bricks on surfaces such as concrete, plaster, screed, in horizontal and vertical places such as bathrooms and kitchens.

Initial Tensile Adhesion Force	EN 12004-2,2017	0.5 N/mm <sup>2</sup>
Tensile Adhesion Force After Immersion	EN 12004-2,2017	0.5 N/mm <sup>2</sup>
Tensile Adhesion Force after heat aging	EN 12004-2,2017	0.5 N/mm <sup>2</sup>
Tensile Adhesion Force After Freeze-Thaw Cycles	EN 12004-2,2017	0.5 N/mm <sup>2</sup>
Open residence time: tensile adhesion force	EN 12004-2,2017	0.5 N/mm <sup>2</sup>
Combustion class	EN 12004-2,2017	A1
Slip	TS 12004-2 :	≥0.5 mm

**TECHNICAL SPECIFICATIONS**

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

Shelf Life: 12 months in dry conditions in its unopened package.

**APPLICATION INFORMATION**

Application temperature: 5 - 35 C°

Mixing Ratio: 5 - 6.5 lt water / 25 Kg powder

Color: Gray

Pot Life: 3 Hours

Commissioning time: 8 hours on wall - 1 day on floor

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

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

Working Time - Open Waiting Time: 30 min.

Application Thickness: 3-6mm

**REFERENCE STANDARDS**

Approvals/Standards 12004-1

**QUALITY CERTIFICATES**

TS EN 12004-1 C1T

**SURFACE PREPARATION**

Care should be taken to ensure that the surface is cured and sound.

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 of Bestkim BS-100 Ceramic Adhesive Mortar should be poured slowly onto 5-6,5 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. The prepared mortar should be rested for 5 minutes to mature. 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-100 Ceramic Adhesive Mortar should be avoided for at least 24 hours in direct contact with water. After the application, grouting should be done after 8 hours on the wall and 1 day on the floor.

## PACKAGING

Bestkim BS-100 Ceramic Adhesive Mortar is presented in net 25kg kraft bags and a total of 80 bags (2000 kg) on a 105x105 cm pallet.

## SHELF LIFE

Shelf life is 12 months from the date of production if stored in its unopened original package, in a dry (maximum 60% relative humidity) and cool (temperature between 5°C and 25°C) environment.

## 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

