

BS-114 / DOUBLE COMPONENT CERAMIC AND GRANITE ADHESIVE

PRODUCT DESCRIPTION

Cement-based, two-component, high performance ceramic and granite adhesive mortar with improved waterproofing and adhesion strength, reduced slip. AREAS OF

APPLICATION

Bestkim BS-114 Two Component Ceramic and Granite Adhesive Mortar is used for horizontal and vertical use of coating materials such as medium and large sized floor-wall ceramics, travertine, decorative bricks, granite, marble, especially in high-strength applications and applications requiring flexibility. It is used in places such as kitchens and on surfaces such as concrete, plaster, screed.

PRODUCT ADVANTAGES

Cement-acrylic based, polymer reinforced, two component ceramic and granite adhesive mortar. It is durable and long lasting. It has a long working time. The slip feature is reduced. It has high tensile adhesion force.

PERFORMANCE

High Initial Tensile Strength	EN 12004-2	≥1 N/mm ²
Tensile Adhesion After Immersion	EN 12004-2	≥1 N/mm ²
Tensile Adhesion After Heat-Aging Strength	EN 12004-2	≥1 N/mm ²
Tensile Adhesion Force After Freeze-Thaw cycles	EN 12004-2	≥1 N/mm ²
Open residence time: tensile adhesion force	EN 12004-2	≥1 N/mm ²
Slip	EN 12004-2	<0,5 mm
Flexibility (S1)	EN 12004-2	≥2.5 mm and <5 mm
Combustion 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 temperature: 5 - 35 C°

Mixing Ratio: 25 Kg powder / 6 Kg liquid

Color: Gray powder; white liquid

Pot Life: 3 Hours

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

Consumption Average: 4.5 - 5 Kg/m²

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

REFERENCE STANDARDS

Approvals/Standards 12004-1

SURFACE PREPARATION:

Make sure 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 powder component of Bestkim BS-114 Two Component Ceramic and Granite Adhesive Mortar should be poured slowly into 6 Kg liquid component and 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. Usage in the container. Expired or crusted mortar 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-114 Two Component Ceramic and Granite 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-114 Two Component Ceramic and Granite Adhesive Mortar Powder Component: 25kg kraft bag. Liquid component: 6 Kg drum.

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 (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

