

EKOKAT FLEX – S1 ADH

Flexible Adhesive Mortar for Granite and Ceramic



DESCRIPTION

The product is a cement-based, single component, high performance, flexible adhesive mortar used for granite and ceramic materials, which contains mineral aggregates of special particle size and special chemical additives enhancing product performance.

It conforms to TS EN 12004 and C2TE S1, standards.

C: Cement-based, 2: High Performance, T: Reduced Slippage, E: Extended Rest Time under Exposed Conditions, S1: Flexible.

TECHNICAL SPECIFICATIONS

Appearance	Grey
Mixing Ratio	6-7 liters / 25 kg
Amount of Consumption	4-5 kg/m ²
Application Temperature	+5°C to +30°C
Rest Time under Exposed Conditions	30 minutes
Maturation Period	4 hours
Toxicity	Non-toxic
Splice Strength	> 1 N/mm ²
Slippage	≤ 0.5 mm
After immersed into water	≥ 1 N/mm ²
After thermally aged	≥ 1 N/mm ²
Elasticity	≥ 2 mm
Temperature Resistance	- 40°C to + 80°C
Fire Reaction	A1
Time before availability for traffic	24 hours

* If the temperature of the application surface is above +25 °C, then the surface should be moistened.

Date: 02.03.2017 Revision: 00

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AREAS OF USE

The product is used for ceramic-over-ceramic applications performed at thermal pools where sudden thermal changes occur, at hot springs, at wet areas such as turkish baths, for terrace and garden arrangements, for ceramic, marble, granite, and natural stone coatings of floors and walls, and at places which experience heavy pedestrian and load traffic.

BENEFITS

It is easy to prepare and apply. It sets fast. It has high adhesion strength. It is resistant to freeze-thaw cycling.

INSTRUCTIONS FOR USE

Care must be taken to ensure that the application surface is sound, dry, dust-free, and clean. Residues that will prevent adhesion on the surface should be cleaned. 25 kg of EKOKAT FLEX – S1 ADH is slowly poured into 6-7 liters of water and is then mixed with a low speed (400-600 rpm) mixer. The lump-free and homogenous mortar should be used in 10 minutes. The mortar should be notched with a notched trowel suitable for the tile dimensions. The mortar should not be used if its usage time has expired and it has been scabbed. The mortar should be applied at the specified application temperature, and protected from direct sun, wind and frost. Joint application can start three hours later.

PACKAGING

25 craft bags (PE reinforced)

64 shrink bags on one palette (110x110 cm).

STORAGE CONDITIONS AND SHELF LIFE


No more than two palettes should be placed on top of each other in their unopened original packaging, in a cool and dry environment. Shelf life is 12 months from date of production under suitable storage conditions.

SAFETY MEASURES

Work clothes, protective gloves, goggles, and masks suitable for workers health and safety should be used during the application. Due to irritant effects of uncured material, it should be washed with plenty of water and soap immediately in case of contact with skin and eyes. If swallowed, seek medical advice immediately. No food and drink should be brought into application areas. Store it out of reach of children. Please refer to the safety data sheet for further information.

RESPONSIBILITY

Our Company may not be held liable for any application errors that might be suffered if the product is not used for its intended purposes, or if it is failed to conform to the conditions and proposals specified above regarding technical application. This technical data sheet contains information that is current as of the date of issuance hereof. The manufacturer hereby reserves its right to change this data sheet at any time.

■ EK 1006.010.25  Grey

■ EK 1006.020.25  White

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