

EKOKAT PLUS ADH

Adhesive Mortar for Tiles and Ceramics



DESCRIPTION

The product is cement-based, single-component adhesive mortar with reduced slippage and extended working time, that is used for tiles and ceramic.

It conforms to TS EN 12004 and C1TE standards.

C. Cement-based, 1: Standard Performance, T: Reduced Slippage, E: Extended Work Time.

TECHNICAL SPECIFICATIONS

Appearance	Grey
Mixing Ratio	6-7 liters of water / 25 kg
Amount of Consumption	4-5 kg/m ²
Application Temperature	+5°C to +35°C
Rest Time under Exposed Conditions	30 minutes
Maturation Period	5-10 minutes
Toxicity	Non-toxic
Splice Strength	≥ 0.5 N/mm ²
Slippage	< 0.5 mm
After immersed into water	≥ 0.5 N/mm ²
After thermally aged	≥ 0.5 N/mm ²
Temperature Resistance	- 40°C to + 80°C
Fire Reaction	A1

* The above values are valid for + 23°C and 50% relative humidity. The time is shortened at high temperatures and extended at low temperatures.

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AREAS OF USE

It is used for horizontal and vertical applications of ceramics, tiles, and marbles to cement-based surfaces at interior spaces. It is used for the bonding of coating materials such as natural stones, travertines, decorative coating bricks, and etc. at all buildings.

BENEFITS

It is resistant to water and frost. It adheres well to the edges of ceramics. It shows no cracking, no fouling, or no stain. It is easy to prepare and apply. It does not lead to drift at vertical applications. It has high adhesion properties.

INSTRUCTIONS FOR USE

Residues that will prevent adhesion on the surface should be cleaned. 25 kg of EKOKAT PLUS ADH is slowly poured into 6-7 liters of water and is then mixed with a low speed (400-600 rpm) mixer. The homogenous mortar is allowed to rest for 5-10 minutes and then mixed again once before application. The mixture should be used in one hour. The mortar should be notched with a notched trowel suitable for the tile dimensions. Tiles are affixed to the notched mortar in 30 minutes. 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. The joint application is performed on walls after 12 hours, or on floors after 24 hours.

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 1002.010.25  Grey

■ EK 1002.020.25  White

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