

## EKOKAT GRASTONE ADH

Adhesive Mortar for Granite and Natural Stone



### DESCRIPTION

The product is a cement-based, high performance, single-component adhesive mortar with reduced slippage and extended work time properties, and is used for granite and natural stone.

It conforms to TS EN 12004 and C2TE standards.

C: Cement-based, 2: High performance, T: Reduced Slippage, E: Extended Work Time.

### TECHNICAL SPECIFICATIONS

<b>Appearance</b>	Grey
<b>Mixing Ratio</b>	6-7 liters of water / 25 kg
<b>Amount of Consumption</b>	4-5 kg/m <sup>2</sup>
<b>Application Temperature</b>	+5°C to +35°C
<b>Rest Time under Exposed Conditions</b>	30 minutes
<b>Maturation Period</b>	5-10 minutes
<b>Toxicity</b>	Non-toxic
<b>Splice Strength</b>	> 1 N/mm <sup>2</sup>
<b>Slippage</b>	≤ 0.5 mm
<b>After immersed into water</b>	≥ 1 N/mm <sup>2</sup>
<b>After thermally aged</b>	≥ 1 N/mm <sup>2</sup>
<b>Temperature Resistance</b>	- 40°C to + 80°C
<b>Fire Reaction</b>	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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## Adhesive Mortar for Granite and Natural Stone

### 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 resistant to water and frost. It adheres well to the edges of ceramics. It shows no cracking, no fouling, or no stain. It is hygienic and can be colored. 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 EKOKAT GRASTONE ADH adhesive 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 to 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. Ceramics should be glued to the notched mortar in 20 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. Joint application should be done 24 hours later on the wall and 48 hours later on the floor.

### 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 1004.010.25  Grey

|||| EK 1004.020.25  White

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