

## EKOKAT GROUT - FLW

### Fluid Grout Mortar



#### DESCRIPTION

The product is a cement-based, single component, non-shrinking, high strength casting mortar of fluid consistency with fiber content.

#### TECHNICAL SPECIFICATIONS

Appearance	Grey
Granule Size	<0.8 mm
Mixing Ratio	5.0 – 6.0 liters of water /25 kg
Amount of Consumption	2.0 kg/m <sup>2</sup> for a thickness of 1mm
Application Temperature	+5 °C to +35 °C
Time for Use	30 to 40 minutes
Full Curing Time	28 days
Pressure Strength	2 55 N/mm <sup>2</sup>
Toxicity	Non-toxic
Splice Strength	>2.0 N/mm <sup>2</sup>
Bending Strength	> 7.0 N/ mm <sup>2</sup>

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

#### AREAS OF USE

The product is used for fixing of steel columns to the foundations at steel structures, prefabricated structures, machinery assemblies, foundation sockets, curtains, and columns.

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#### BENEFITS

It is easy to prepare and apply. It is fluid. It gives proper working time. It does not lead to drift at vertical applications. It has high adhesion properties. It is resistant to water and frost. It is not impacted from thermal differences.

#### INSTRUCTIONS FOR USE

The surface should be clean, and all the residues (e.g. grease, dirt, corrosion) that will prevent adhesion on the surface should be cleaned. The surface to be repaired should be saturated with water several hours in advance. No free water should remain on the surface during application. 25 kg EKOKAT GROUT - FLW mortar is slowly poured into 5-6 liters of clean water and is then mixed with a low speed (400-600 rpm) mixer or a trowel until a homogenous mixture is obtained. The homogenous mortar is allowed to rest for 5 minutes and mixed again for 1 to 2 minutes once before application. The mixture should be used in thirty minutes. The mortar should not be used if its usage time has expired and it has been scabbled. The mortar should be applied at the specified application temperature, and protected from direct sun, wind and frost. The mortar should be poured onto the application area without interruption. It must be protected from evaporation with special curing materials or wet sacks for 24 to 48 hours after application.

#### PACKAGING

25 kg PE reinforced craft bags.

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 6002.010.25

 Grey

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