

TECHNO KRAFT® GROUT MORTAR

DESCRIPTION

Single component, flowable, non-shrinking, high strength, cement based grout mortar.



AREAS OF USE

- Concrete Repair
- Indoors and outdoors
- Filling the Gaps
- Filling in Machine Foundations
- Under Steel Column Plates

ADVANTAGES

- Excellent flowability
- It is mixed only with water and applied by pouring into the mould.
- It has high compressive strength
- Easy to prepare and apply.
- Provides high adherence to concrete and reinforcement.
- Can be pumped or poured.

SURFACE PREPARATION

The application surface must be sound, clean and free from ice, accumulated water, grease, oil or other surface contaminants and loose, loose parts.

The surface should be prepared by cleaning with suitable mechanical surface preparation techniques such as high pressure water jet, roughening, sandblasting, etc. Concrete surfaces should be moistened with clean water for 2-6 hours before application to ensure that saturated surface dry conditions are met. Excessive and accumulated water on the surface should be removed from the surface before application.

USAGE TYPE

Add half of the powder material in the bag to the required amount of water in a clean mixing bowl and mix with a low speed (maximum 500 rpm) mechanical mixer until it becomes homogenous. Then add the rest of the powder and mix again without lumps. Do not add more or less water than necessary and do not mix the mixture for less than 3 minutes.

Immediately after mixing, pour the mortar into the application area without waiting (within 15 minutes) in order to get good efficiency. Since air bubbles trapped in the mortar will prevent full contact of the grout mortar with the surface, make sure that the air bubbles disappear completely during mixing. During the process of filling the bottom of the foundation slabs, care should be taken to apply sufficient pressure from the casting point to ensure the fluidity of the mortar. When necessary, the flow should be assisted with a steel belt or chain. For high volume works, application with grout pumps is recommended.

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.


CENTRE: Beştepe Mah.No:1/113 Yenimahalle/Ankara
ANTALYA FACTORY: Çıplaklı Mah. 22171 Cd. No:14 Döşemaltı/Antalya
E-MAIL info@kraftbau.com.tr
TEL: 444 6 190
Kraftbau.com.tr

TECHNO KRAFT GROUT MORTAR TECHNICAL DATA SHEET

EXPENDITURE

19 kg /m2 for 10 mm thickness

TECHNICAL SPECIFICATIONS

Material Structure	Contains Mineral Fillers and Special Cement	
Colour	Grey	
Compressive Strength		
1 Day	≥30 N/mm ²	
7 Days	≥50 N/mm ²	
28 Days	≥60 N/mm ²	
Bending Strength;		
1 Day	≥5 N/mm ²	
7 Days	≥7 N/mm ²	
28 Days	≥9 N/mm ²	
Elastic Modulus	≥ 2600 N/mm ²	
Adhesion Strength to Concrete	≥2 N/mm ²	
Adhesion Strength to Steel	≥2 N/mm ²	
Application Thickness	10-40 mm	
Temperature of the floor to be applied	+5 °C +30 °C	
Time of Use	35 min	
Walk On Time	24 hours	
Full Curing Time	28 Days	
Mixing Rate	Maximum 260 g of water per 1 kg of powder (6,5 kg per 25kg)	
Shelf Life	12 months from the date of manufacture under appropriate storage conditions When not in use, the packaging should be tightly closed and the material should be consumed within 1 week at the latest.	

The above values are valid at +21 °C and 50% relative humidity.

PACKAGING and STORAGE

CODE	PACKAGING
KR-6000	TECHNO KRAFT® Grout Mortar (25 kg)

Store the material in its unopened packaging in a dry environment, protected from frost. Do not stack pallets on top of each other, especially in long-term storage.

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

CENTRE: Beştepe Mah.No:1/113 Yenimahalle/Ankara
 ANTALYA FACTORY: Çıplaklı Mah. 22171 Cd. No:14 Döşemaltı/Antalya
 E-MAIL info@kraftbau.com.tr
 TEL: 444 6 190
 Kraftbau.com.tr