

eile GROUT 60 C



Early High Strength Grout Mortar

Description

It is a cement based, unifactorial, polymer reinforced self-propagating, rapid setting grout mortar.

EN 1504-3 CE Certificate.

Ministry of Environment and Urban Planning Pos No: 04.613/3c

Areas of Usage

- *In areas which requires to open to traffic; repair and raising works of manhole covers.
- *Mounting of elements of precast concrete construction
- *Fixing of traffic signs,
- *Repairs of areas such as road and field concrete open to vehicle or pedestrian traffic.
- *Hollow, crack and gap repairs.

Features of Product

- *It is only mixed with water, poured into mould
- *It is easy to apply.
- *It gains strength rapidly.
- *It has highly fluent.
- *It provides strong adherence to concrete and reinforcement.
- *Non-shrinking.

Application Procedure

Surface Preparation

The cement based surfaces should be durable, free from dust, carrying and clean. Residues such as oil, grease and paraffin which may reduce adherence should be cleaned. If there is a water leakage on the surfaces, they should be closed with plug. The surface should be saturated with water and there should be no free water on the surface during application.

Mixing

Recommended amount of water is poured into a clean bucket. Material is added into the bucket. It's mixed for 3-4 minutes with a low speed mixer until it gets homogenous mixture and the material is ready use.

Mixture ratios

For 25 kg sack: 3,5-4 l water

For 1kg powder product: 0,140-0,160 l water

Mixture density: 1,9-2,1 g/ cm³

Application Method

The material should be poured on the surface with 10-40 mm thickness.

Consumption

For 10 mm thickness 17-18 kg/m²

Points to take into consideration

*It should be used within 7 minutes at 20 °C.

* The ambient and floor temperature should be within below mentioned values since application floor and ambient influence hydration reaction of the cement.

*No foreign material is added into the mixture.

Cleaning of the Tools

After application, the tools and equipment used should be cleaned with water. After the material is hardened, it can only be cleaned mechanically.

Package

25 kg kraft sack

Storage

It should be stored in unopened original package in a cool and dry place and stack maximum 10 packages on top of each other.

Shelf Life

Shelf life is 12 months from production date in storage conditions

Technical Specifications

Structure of the Material	Mineral Fillers and Polymer Reinforced Special Cement.
Colour	Grey
Compressive Strength	10-15 N/mm ² (1 hour) 20-25 N/mm ² (1 day) 40-45 N/mm ² (28 days)
Application Thickness	min. 10 mm max. 40 mm
Spreading	≥ 25 cm
Set starting	10 min. (+20 °C)
Temperature of Application Floor	+5 °C - +30 °C
Usage Time	7 min. (+20 °C)
Through dry time	1 hour (+20 °C)
Full Curing Time	28 days

CE 1020
POMZA EKSPORT SAN. TİC. AŞ.-EİLE Ankara Asfaltı Belkahve Mevkii 476/A Kavaklıdere Köyü-Bornova-İzmir/ Türkiye 12 TS EN 1504-3 STRUCTURAL REPAIR MORTAL
Compressive Strength: R4 Adhesive bond strength: ≥ 2 N/mm ² Reaction to Fire Class: A1

* Typical values have been obtained as a result of experiments done at +23°C, 50% relative humidity, 4x4x16 cm mortar prism. The values may change due to the difference in site ambient. High temperatures shorten and low temperatures extend the durations.

Safety Recommendations: Please wear the coveralls, protective gloves, glasses and mask suitable for occupational health and safety. Make sure that it does not contact the skin and the eyes; in case it does, wash with plenty of water. In case swallowed, contact the closest health care institution immediately. Keep out of the reach of children. Keep food and drinks away from the application areas.

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