

## Three-Component Epoxy Grout Mortar

### Description

It is three-component, epoxy based, solvent free, prepared from special granulation quartz aggregates, high mechanical strength, high wearing resistance, as cast mortar with adherence to concrete, stone, mortar, steel epoxy mortar.

### EN 1504-6 CE Certificate.

### Areas of Usage

- \*In machinery foundation which requires high strength.
- \*Joint repairs.
- \*Floor concrete repairs.
- \*Bridge bearings, airports.
- \*In ironstone planting due to its fluent consistency.
- \*Crane rail mountings.

### Features of Product

- \*It is solvent free.
- \*High compressive, bending and tensile strength.
- \*Non-shrinking and rapid hardening.
- \*High wearing and impact strength.
- \*Perfect chemical strength.

### Application Procedure

#### Surface Preparation

The application surface should be clean. It should be cleaned from oil and dirt and all loose materials which may reduce adherence should be removed.

#### Mixing

B component is added into A component. It's mixed for 1-2 minutes with a low speed mixer. Then C component is added and mixed until it gets homogenous colour. After this procedure, the material is ready to use.

### Application Method

- \*The application surface should have sufficient strength. Concrete should have 25 N/ mm<sup>2</sup> compressive strength and 1,5 N/mm<sup>2</sup> tensile strength.
- \* The surface should be clean, smooth and dry and not exceed 5% moisture.
- \* Avoid under 10°C temperatures and very humid ambient.
- \* Pay attentions to mixture rates.
- \*Wait 12 hours minimum between coats. (at 20°C)
- \*After 12 hours at 20°C, you can walk on it.

### Points to take into consideration

- \* This product is for professional use.
- \* Read carefully security warnings on the package before use, see Material Security Information Document if necessary.
- \* Do not inhale, avoid contacting with skin and eye, do not swallow, use appropriate work safety materials.
- \* Take precautions for fire and explosion danger and environment not to be polluted.
- \* Apply it in well ventilated ambient.

### Package

A Component: 2,80 kg. can  
B Component: 1,70 kg. can  
C Component: 18,00 kg. kraft sack  
Total: 22,50 kg. / set

### Storage

- \*The product should be stored between 5-35°C.
- \*The product should not be exposed direct sunlight.
- \* An opened product should be stored in original package by closing its cover.

### Shelf Life

Its shelf life is 12 months from production date. The production date is on the package.

## Technical Specifications

<b>Colour</b>	: Grey
<b>Specific Weight</b>	: 2,20 (±0.05)
<b>Solid matter</b>	: 100%
<b>Consumption</b>	: 1-2 mm thickness 2,2-4,4 kg/m <sup>2</sup>
<b>Compressive Strength</b>	: 60-70 N/mm <sup>2</sup>
<b>Adherence to concrete</b>	: 2 N/mm
<b>Mixture rate</b>	: 3 A+ 1,5 B+18 C
<b>Application methods:</b>	Trowel
<b>Mixture exposure time</b>	: 30 minutes 20°C,
<b>Waiting period between coats</b>	: 24 hours
<b>Curing Times</b>	
<b>Mechanical Strength</b>	:30°C / 10 hours - 20°C / 12 hours - 15°C / 24 hours
<b>Chemical Strength</b>	:30°C / 6 days - 20°C / 7 days - 15°C / 9 days

  
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Ankara Asfaltı Belkahve Mevkii 476/A Kavaklıdere  
Köyü-Bornova-İzmir/ Türkiye 12  
TS EN 1504-6  
Epoxy Based Repair and Anchorage Material

Chloride ion content: ≤ %0,01  
Extraction Strength ≤0,4 mm  
Creep with tensile load effect:0,2 mm  
Reaction to Fire Class: D-s2,d0  
Glass transition temperature: ≥ 50 °C

The above mentioned values are obtained as a result of laboratory experiments.  
They may vary due to difference ambient in sites.

**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.

**Responsibility:** In case the recommendations and application conditions specified above are not conformed, the applications (misuse) do not fall under the responsibility of **POMZA EXPORT A.Ş., the producer of eile POMEX branded products.** The user is responsible for whether the product is used in accordance with its purpose, as well as the validity of application conditions and forms. **eile Pomex Construction Chemicals** does not accept any indemnity claim concerning the results, work accidents, direct or indirect damages or losses due to the misapplication of the products.

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