

**7009**

## EPOKSI GROUT 3 Component Epoxy Grout Mortar

Epoxy resin based, three component, solvent free special graded, containing quartz aggregate, self-consolidating grout mortar.

### PLACES OF USAGE

- It is a self-spreading, flowable epoxy casting mortar that can be applied on concrete, stone, mortar, steel, aluminum, asbestos cement, polyester, wood and epoxy based materials.
- It is used in machine foundations, anchoring works, fixing of roadside barriers, support and connection elements, crane rails, bridge supports.

### FEATURES / ADVANTAGES

- High mechanical strength
- Excellent abrasion resistance
- High chemical resistance
- Water impermeability
- Dry in humid environment
- No solvent required.

### APPLICATION DIRECTIONS

#### a) Surface Preparation:

All free and crumb material must be removed from the surface. All oil and dirt on the surface should be cleaned by sandblasting or compressed air spraying. Rusted iron must be removed from the rust with a wire brush or sandblasting.

#### b) Product Preparation:

Pour component B into component A. Mix with a low speed electric mixer until the mixture in the turbid appearance is completely homogeneous. Then pour the mixture into a suitable container and add component C slowly and continuously, mix for at least 3 minutes until a homogenous and fluent mortar is obtained.

#### c) Application Method:

After the mixing process is completed, pour the product into the application area and provide enough pressure (15-20 cm) to maintain the movement of the material. Cast on one side. Make sure that the required air outlet is provided. If necessary, the flow of the grout can be assisted by the steel rod. It should be noted that the strength and adhesion values of the product will also change if the mixture ratios change.

### ISSUES TO BE CONSIDERED

- During the application of the product, work clothes that comply with occupational health and safety rules should be worn and appropriate glasses and masks should be used.
- After the application, it should be protected against adverse weather conditions such as direct sunlight, strong wind, high air temperature (+30°C), rain and frost.



- Before the product is cured and hardened, hands, skin in contact with product should be cleaned with water and detergent.
- In case of contact with eyes, wash immediately with plenty of warm water and detergent and seek medical advice.
- Immediately after application, before hardening, the equipment should be cleaned with thinner. After the product has hardened, it should be cleaned by mechanical methods.
- It should be noted that the strength and adhesion values of the product will change if the mixture ratios change.
- No primer is used with our product.

### SECURITY WARNINGS

- S2 Keep out of the reach of children.
- S24/25 Avoid contact with eyes and skin.
- S26 In contact with eye, wash with water and consult a doctor.
- S28 In contact with skin, wash immediately with plenty of water.
- S29 Do not empty into drains.
- S46 If swallowed, consult a doctor immediately and show box or label.

### LEGAL NOTICES

#### a) Refuse Disposal:

Empty packaging may be disposed of in collection bins according to regional-local regulations or recycling rules. Dispose of used waste material as construction waste after drying and hardening. It is dangerous to destroy product residues by burning.

#### b) Legal Responsibility:

The data contained in this technical document is based on our scientific and practical knowledge. Terma Yapı Kimyasalları San. Tic. Ltd. Şti. is only responsible for the quality of the product. Terma Yapı Kimyasalları San. Tic. Ltd. Şti. is not responsible for the results that may arise from the use other than the written recommendations regarding where and how the product shall be used and/or the results due to misuse. This technical document is valid until a new one is issued and invalidates the old editions.

## STORAGE

It should be stored in unopened original package in a cool and dry environment by protecting from frost. For short-term storage, maximum 3 pallets should be placed over and over and the shipment should be made with first in first out system. For long-term storage, pallets should not be placed over and over. It can be stored for 12 months from the date of production if proper storage conditions are met. Opened packages should be kept tightly closed and stored under proper storage conditions and should be used within one week.

## CONSUMPTION

2,3 kg/m<sup>2</sup> (For 1 mm thickness)

## PACKAGE

In 15 kg set

TECHNICAL SPECIFICATIONS (23 °C and 50% Relative Humidity)

### GENERAL INFORMATION

#### APPEARANCE

Shelf Life	12 months in unopened package in dry environment
Color (A+B+C)	Gray
Mixture Ratio	2 Unit A, 1 Unit B, 15 Unit C (by weight)
Application Thickness	Between 10-50 mm
Consumption	2,3 kg/m <sup>2</sup> (For 1 mm thickness)
Pot Life	30 min
application Temperature	(+5 C°) - (+35 C°)
Hardness	D60-70
First Drying Time	24 hours
Abrasion Resistance (A+B+C)	ASTM D 4060 CS10,1000 DEV,1000 GR da 75 MG
Compressive Strength	80 N/mm <sup>2</sup>
Flexural Strength	32 N/mm <sup>2</sup>
Adhesion Strength to Concrete	> 3,5 N/mm <sup>2</sup>



**Terma Yapı Kimyasalları San. Tic. Ltd. Şti.**  
Adana Hacı Sabancı OSB İsmet Atlı Cad. No:7  
01410 / Sarıçam / ADANA / TURKEY

#### TS EN 1504-3

Concrete repair product,  
CC mortar for structural repair  
(Resin based)

- Compressive strength	Class 3
- Chloride ion content	≤ % 0,05
- Adhesion bond strength	≥ 1,5 Mpa
- Resistance to carbonation	Acceptance
- Elasticity module	21 GPa
- Thermal compatibility, Part 1	≥ 1,5 Mpa
- Capillary water absorption	≤ 0,5 kg.m <sup>-2</sup> .h <sup>0,5</sup>
- Dangerous Goods	In accordance with 5.4
- Reaction to Fire	Europe Class E

Manufactured according to  
**TS EN 1504-3**

## CONTACT

**Terma Yapı Kimyasalları San. Tic. Ltd. Şti.**

Factory: Hacı Sabancı Adana Organize Sanayi Bölgesi İsmet

Atlı Cad. No:7 01410/ Sarıçam / ADANA / TURKEY

Phone: 0(322) 394 31 01 Fax: 0(322) 394 32 02

E-mail: info@termatect.com