

Epoxy Based High Strength Structural Repair Mortar

PRODUCT DESCRIPTION

It is an epoxy-based, solvent-free, three-component, coarse-grained, high-strength repair mortar.

FEATURES

Its adherence is very high. It is easy to prepare and apply. It has high impact and pressure resistance. It does not cause shrinkage or shrinkage cracks. Abrasion resistant. It gives the desired performance in a single coat. It is easy and fast to prepare. It can be used in structural repairs. It is resistant to water, salt solutions, alkalis and diluted acids.

PRODUCT INFORMATION

Chemical Structure : Solvent-Free Epoxy Resin
Appearance / Color : Liquid - Solid / Sand Color

PERFORMANSCE

(23°C, 50% Relative Humidity)

Compressive Strength 28 days	15 N/mm ² TS EN 196-1
Flexural Strength 28 days	5 N/mm ² TS EN 196-1
Application time:	20 Min .
Pre-setting time:	24 Hrs
Full Curing Time:	7 Days

These values were obtained as a result of laboratory experiments carried out in our company and are valid for the performance of finished applications at the end of the full drying period. Values may change as temperature and humidity values in the construction site environment and application surfaces and areas will vary.

USAGE AREAS

In the repair of concrete surfaces, factories, warehouses, hospitals, etc. It can be used in floor repairs in areas such as, as a floor covering on floors requiring high strength, in the assembly of dilatation profiles, in the creation of corner chamfers, in floor preparation before epoxy floor coating and waterproofing. It is used as floor covering in heavy load areas, in the assembly and bedding of expansion profiles and similar metal profiles and rails, and in the repair of dilatations of industrial floors and floor joints.

540 PROMORTAR EPO



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APPLICATION EQUIPMENT

Hand mixer - Trowel - Spatula .

APPLICATION INSTRUCTIONS

Surface; It must be dry, sound and free of dust. It should be cleaned of residues such as oil, grease, dirt, paint and salt vomit that would prevent adhesion. Under all conditions, surface adherence must be above 1.5 N/mm² and the moisture content must be below 4%. If PROEPOXY PR Primer will be applied to the floor beforehand, repairs should be made while wet after the primer is applied.

Components A and B are mixed until a homogeneous mixture is obtained. Then, powder component C is added slowly with mixing.

Prepared EPO MORTAR can be applied with a trowel or spatula. Thick applications can be applied in 2-3 layers. You should wait until complete drying between coats. The prepared product must be used within 20 minutes.

LIMITATIONS

To obtain optimum quality, please adhere to the application instructions. Application should be made between +5 C and +30 C. Application should not be made in hot, rainy and windy weather. Application should not be made on surfaces at risk of frost. The product should be protected from rain, water, frost and negative external factors until it is cured.

CONSUMPTION

2 kg/m² for 1 mm thickness

PACKAGING

A component 2 kg plastic bucket

B component 1kg plastic bucket

C component 17 kg plastic bucket

Total 20 kg set

SHELF LIFE

It is 1 year from the date of production in its original packaging in moisture-free and dry environments (temperature between +5 C and +25 C). The mouth of the containers should be tightly closed when not in use. It should be kept away from moisture.

STORAGE CONDITIONS

It should be stored in its unopened original packaging in a moisture-free, dry and cool environment (temperature between +5 C and +25 C). It should not be left under direct sunlight .



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SAFETY

Do not breathe the product, use a mask. Avoid contact with skin and eyes. Use protective gloves, glasses and clothing. In case of eye contact, consult a doctor immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

LEGAL NOTES

Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products, and it is a recommendation and this information is about the correct application ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.

DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test its suitability before using the product.

DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.



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