



PROMORTAR EPO

540

*Epoxy Based High Strength Structural Repair
Mortar*

PRODUCT DESCRIPTION:

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

FEATURES:

- Its adherence is very high.
- It is easy to prepare and apply.
- High impact and pressure strength
- Does not shrink and shrinkage crack.
- Wear resistant
- It gives the desired performance in one coat.
- It is easy and fast to prepare.
- It can be used in structural repair.
- It is resistant to water, salt solutions, alkalis, diluted acids.

PRODUCT INFORMATION:

Chemical Base Solvent Free Epoxy Resin
Appearance / Color Sand

PERFORMANCE:

(23°C, 50% RH)

Compressive Strength 28 days ≥ 15 N/mm² TS EN 196-1

Flexural Strength 28 days ≥ 5 N/mm² TS EN 196-1

Application time: 20 min.

Pre-setting time: 24 hours

Full Curing Time: 7 days

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

USAGE AREAS:

- Concrete, in the repair of surfaces
- Factory, warehouse, hospital etc. in floor repairs of areas such as
- As a floor covering on floors that require high strength
- In the assembly of dilation profiles
- In the creation of corner chamfers

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It can be used in floor preparation before epoxy flooring and waterproofing.
As a floor covering in heavy load areas, in the assembly and bedding of dilatation profiles and similar metal profiles and rails,
It is used in the repair of dilatations of industrial floors and floor joints.

APPLICATION INSTRUCTIONS:

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

Application Equipment:

Hand Mixer
Trowel

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

The prepared EPO MORTAR can be applied with a trowel or spatula. Thick applications can be applied in 2-3 layers. It should be waited until full drying occurs between coats. The prepared product should be used within 20 minutes.

LIMITATIONS:

Please obey to the application instructions to obtain optimum quality. The application should be done between +5 C and +30 C. It should not be applied in hot, rainy and windy weather. It should not be applied on surfaces where there is a danger of frost. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).

CONSUMPTION:

2 kg/m² for 1 mm thickness



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PACKAGING:

A+B+C component 20 kg plastic bucket

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid 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 package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

Do not breathe the product, use a mask. Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, seek medical advice 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.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.

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