

DECO MORTAR EPOX BI TIXO

Thixotropic two-component epoxy resin for repairs

DESCRIPTION

Deco Mortar Epox BI Epox Isoplam® is a two-component, solvent-free epoxy resin-based product, suitable for repairing concrete, stone or brick.

APPLICATION FIELDS

Deco Mortar Epox BI Tixo Isoplam® is used for various types of uses:

- repair of holes in industrial floors;
- repair of chipped joints;
- repair of edges, corners, walls...
- creation of coves between floor and wall.

FEATURES AND BENEFITS

Deco Mortar Epox BI Tixo Isoplam® has the following characteristics:

- it is easy to apply: the two components are pre-dosed to avoid weighing errors;
- its thixotropic nature allows it to be very easy to work;
- it has high mechanical resistance to impacts, abrasion and chemical agents (acids, alkalis, solvents);
- it has good impermeability to liquids and oils;
- it is permeable to water vapour;
- it can also be applied in high thicknesses;
- does not shrink during hardening;
- it is solvent-free and therefore improves the conditions of the operator who applies it.

HOW TO USE

Preparation of the substrate.

The surface to be treated must be dry, clean, free of dust and crumbly parts and free from oil and grease stains (sandblasting is recommended).

In the case of a surface made up of metal, sandblasting is recommended in order to eliminate oils, paints and rust.

Apply the epoxy primer Plam Joint Repair Isoplam®, which is also suitable for damp substrates. Dust the fresh primer with 0.3-0.8 mm quartz and apply fresh on fresh as soon as possible (within 12 hours) Deco Mortar Epox BI Tixo Isoplam®, in order to avoid detachment.

Product preparation.

Pour component B into component A and stir slowly for 3-4 minutes with a mixer drill at low rpm (be careful not to incorporate air), taking care to scrape the walls and bottom of the containers well. The mixture must be homogeneous.

In the case of partial use of the package, the two components must be carefully dosed by weight (not by volume) in the mixture ratio also indicated on the label (100 parts A + 4 parts B). Any unused mixture should never be placed in closed containers but disposed of according to regulations.

Application.

The mixed product should be applied fresh on fresh to the primer using an Isoplam® trowel or an Isoplam® shell tool (if intended for creating shells).
If the product is applied to vertical supports or overhead in thicknesses greater than 2.5 cm, it is advisable to create a support formwork.
It is advisable to keep the spatula used for smoothing wet with Isoplam® Epoxy Thinner in order to ensure a better closure of the product.
Tools should be cleaned as soon as possible with isoplam® alcohol.

Notes.

Deco Mortar Epox BI Tixo Isoplam® cannot be applied if temperatures are below +10°C or above +35°C.

TECHNICAL FEATURES

DESCRIPTION	
Flexural strength	24 N/mm ² after 7 days
Compressive strength	65 N/mm ² after 7 days
Density of the hardened product	2.05 kg/dm ³
Elastic modulus	>14000 N/mm ²

USE AND HARDENING TIMES		
Temperature	Pot life	Curing time
10°C	70 minutes	8 hours
20°C	45 minutes	6 hours
30°C	25 minutes	4 hours

Complete hardening occurs after 7 days.

CONSUMPTION

Consumption is about 20 kg/sqm for 1 cm of thickness.

PACKAGING, STORAGE AND SAFETY

Deco Mortar Epox BI Tixo Isoplam® is available in 10 Kg packs (A=9.6 Kg; B=0.4 Kg) and 25 Kg (A=24 Kg; B=1 Kg).

In original packaging, sealed and stored in a protected place, the products remain unchanged for one year if kept in a closed environment with a temperature between +10°C and +30°C. The expiration date is indicated on the packaging.

Consult the safety data sheet before use.

The products that make up Deco Mortar Epox BI Tixo are intended for professional use only.

IMPORTANT:

All information contained in this sheet is based on the best practical and laboratory experiences. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer accepts no liability for the results of incorrect applications. It is recommended to always carry out tests on small surfaces before application. This sheet replaces and cancels the previous ones. The data can be changed at any time. It should also be noted that Isoplam products are



intended for professional use and that Isoplam provides periodic training for its customers who request it. Anyone who uses these products without being authorized to do so does so at their own risk.

