

DUREPOX AUTONIVELANTE, SELF-LEVELLING EPOXI CONTINUOUS RESIN PAVEMENTS



Description

Three-component epoxy mortar repairs flooring special. Well suited for the touch pavements, steps, ramps, loading areas, industrial areas requiring high strength and speed of placement.

Aplication

Durepox Autonivelante is highly suitable to repair industrial floor, rungs, charge and discharge area, docks, floors that a high resistance and a very good duration are required. As a temporally wall against the humidity before the application of coverings in floors that do not have a vapour barrier and they are into the ground. As a levelling layer to the application of resins floors, vinyl or wood floors due to its fast commissioning.

Surface preparation

The surface in which it is applied must be clean, dry (or with resection moisture), free of powder and loose particles, and solid. Confined applications will have straight edges made with a mechanical cut

Modes of application

Mix each component separately.

- In a large container, mix component A with component B
- Then, add slowly the component C, stirring to mix well.
- The mix can be made manually or mechanically, with a low-speed blender (300 to 500 rpm) equipped with a helicoidally pallet.
- The workability can be adapted with a small change in the component's C quantity.
- Water cannot be added to the mix.
- The concrete areas should be prepared mechanically, such as sanding, shot-blasting or milling, to eliminate the superficial grout and to get a surface with open pores.
- All the weak parts, with a low resistance, must be eliminated and to be replaced with repair mortars or grouting mortars.
- Should not be put on with temperatures under 10°C or with more than 30°C
- It should be coated with resins after 24h of its application.
- It has high adherence in fresh or hardened concrete.
- It can be used indoors or outdoors.
- It can be used as a temporary moisture barrier.

Clean up

The tools must be cleaned with plenty of water before the materials are dry. If the materials are dry, it can be only retired by using mechanical.

Data sheet

Density of the mix 1,95 kg/l

Mix proportion A:4,5, B:23, C:72,5

Open time 20 minutes at 20°C and 75% HR

Compressive resistance 7 days 35 N/mm²

Flexural strength resistance 7 days 10 N/mm²

Compressive resistance 28 days 45 N/mm²

Flexural strength resistance 28 days 12 N/mm²

Water absorption $W=0.02 \text{ Kg/m}^2 \times h$ (DIN 52617)

Adherence > 4,0 N/mm² (EN 13892-8)

Composition Mortar Epoxy-Concrete

% Solid content in weight 11 cm 3/50 cm² & 2,4 mm (Abrasion Böhme) (EN 13892-3)

Thickness 1,5 to 3 mm



Performance

1,8 kg/lt

Storage

A year in the original containers, well closed, a moderate temperature and protected from the weather.



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