



DEVELOPMENT RESINS ADMIXTURES CONCRETE

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EP. FIX

TIXOTROPIC EPOXY PASTE FOR STRUCTURES AND
STRUCTURAL SIZING

DESCRIPTION

EP. FIX is a two-components product with epoxy resin base purposely formulated with particular charges and tixotropic agents to be used either in horizontal or in vertical.

EP. FIX is a very good glue paste of the structural kind, without solvent, with high adhesion on every building materials.

EP. FLEX hardening works for reaction of cold poliaddition without drowals phenomena also in very difficult social environment like the presence of humidity under water.

FIELD APPLICATION

EP. FLEX can be used like precious adhesive in the civil engineering for:

- sizing of prefab concrete element load bearing to rebuild the monolithicity;
- anchoring of machines, boltes, slabs, car bridges, etc;
- like sealing agent to restore and reinform strenthening among materials of different nature (steel and concrete a Beton-plaquet);
- like paste to trim;
- load with quartz for the dilatation joints repairs on bridge, viaduct etc;
- underwater repairs (explain if must use in sweet or saltead water).

ADVANTAGES

- high adhesive power for all kinds of support;
- possibility to obtain connection among concrete and concrete, concrete and iron, concrete and wood;
- high mechanical resistance;
- no shrinkage;
- excellent resistance to the water, to the mineral oils, to the petrol, to the agressive acids and alkaline solutions, salty solutions;
- changeability use also in difficult environmental and climatic conditions.

COMPONENT

EP. FIX components are suppling in two separate and predose cannister:

A - base formula

B - hardener

Before mixing the part A with the part B the product must be mixed very well, each in his cannister.

Mix very carefull the two components in the quantity indicate on the packaging.

The mixture must be energetic and the time of 4-5 minutes with to obtain the perfect omogeneity of the components.

Use the drill and the right blendor like RESIMIX.

We suggest, for practical reasons, to use all quantity of the components, A formula and B hardener, because the weight are predetermined during the packaging, avoiding the possibility of fraction weigth mistake.

APPLICATION

EP. FIX has dense and pasty consistency and you can apply with brush or trowel.

The support must be perfectly clean and scoured and for his application keep correctly what is written in the technical bulletin EFD/1.

After having prepared the components as indicated above, EP. FIX will be applied on both the surfaces to glue and they will be stick exerting on energetic pressure.

Possible border fletting must be removed immediately.

The set time became considerably reduced with hot air draught and for the application under hot press.

PRECAUTION

Avoid the contact with the skin, mocous membrane, eyes, etc. In case of accidental contact wash abundantly with water and soap.

PACKING AND WAREHOUSING

Plastic bags from kg 2-10-20.

Colours: cement grey, other on request.

The product in his original packaging, in the separate packaging, storing to a temperature not inferior to 10 °C will have a self life higher than one year.

SPECIFICATION

Particular attention must be put in the choice of the adhesive for traction mechanical flexure and duration resistance.

These characteristics can be found in the EP. FIX product, adhesive tixotropic structural that should be apply on the concrete surface, iron, wood etc. to obtain a perfect sizing structural between the different components.