



EPOAIS H, BI-COMPONENT THIXOTROPIC ADHESIVE BASED ON EPOXY RESINS



Description

Two-component epoxy adhesive which provides high mechanical strength. It is an appropriate adhesive for anchors, joints between materials of the same or different type, etc.. In this case mold is not required since the mixture is thixotropic. It is gray. Also ideal for curing concrete bodies join together or to metal surfaces.

Application

Epoais H is used for bonding cured concrete parts together. Union of metal, marble, natural or synthetic stonel, and similar choices. In anchoring of iron, flange plates, to fill cracks. As repair mortar for small surfaces such as edges or ridges, holes or voids, repair joints and cracks edges.

Surface preparation

Remove greases, oxides, residues of release agents, dust, being thoroughly cleaned surfaces. For proper adhesion bonding surfaces must be solid, uniform, compact and well dried.



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Modes of application

Mix the content thoroughly manually until a homogeneous blend is obtained.

- Next, pour the whole amount of component B into component A. When not using the entire amount, follow the indicated mixing proportions in weight (6A:1B).
- Mix manually or with a low speed electric mixer (400-500 rpm).
- EPOAIS H must be applied immediately once mixed within an open time of 10-20 minutes according to room temperature.

Apply in 1-3 mm thick layer with a trowel or spatula onto one of the surfaces before joining.

Then join both pieces together.

- The required chemical and mechanical resistance of the adhesive is effective after 7 days.
- Epoais H is easy to mix and apply, it is suitable for dry or slightly damp substrates, has very good adhesion on most building support, hardens without shrinkage, does not need primer, it has good chemical resistance and is impervious to liquids and water vapor.

Clean up

With DISOLVENT EPOXI, immediately after using. Once dry it can only be removed by mechanical means.

Data sheet

DensityComp. A: 1,60 Kg./Lt. +- 0,075.

DensityComp. B: 0,925 Kg./Lt. +- 0,05

Mix proportion83A: 17B

Open time15 to 20 min.

Colour/sGrey Concrete

Adherenceon concrete > 1,5 N/mm² breaking concrete.

Compressive resistance> 50 N/mm²

Flexural strength resistance> 32 N/mm²

Temperature of workbetween 8 to 25°C

Performance

2 kg per sqm in concrete pieces union



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Storage

1 year, in their original packagings, properly closed, without exposing to extreme temperatures, protected from the weather and in dry and ventilated places.



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