EPOAIS CARBONO, EPOXY ADHESIVE FOR CARBON MESH BONDINGS



Descrip cion

EPOAIS CARBONO is an epoxi bicomponent adhesive specially made for fixing TEJIAIS CARBONO on structural reinforcement systems.

Aplication

Epoais Carbono is used to adhere Tejiais Carbon onto reinforced concrete structures, masonry, wood, in which is required a bearing capacity reinforcement.

Surface preparation

The surface must be clean and dry, free of dust and loose particles, and must be presented with good mechanical strength.

Modes of application

Preparation of the support:
- Clean mechanically by sandblasting or sanding, by eliminating any trace of dust, loose particles, releasing agents, or any other particle that may hinder proper
adherence.
- The minimum curing period of concrete is 28 days (less than 4% of humidity).
- The cohesion of the support measured in terms of tear resistance is equal to or above 1 N/mm2.

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síguenos en:

- For the reinforced structure edges, it is necessary to cover a minimum radius of at least 10 mm.
- The maximum temperature is 50ºC.
- When fixing the support, its temperature should be 3ºC above dew temperature.
-Adhesive mixing:
- A homogeneous blend of each component should be obtained separately.
- The two components are then mixed.
- The resulting adhesive is then applied to the support with paint brush or small brush according to the surface area to be covered.
- The reinforcing fibre mesh TEJIAIS CARBONO is embeddes into the fresh sticking surface by carefully gathering the fibres in the required manner.
(see the instructions on TEJIAIS CARBONO Technical Data Sheet).

Clean up

The tools are cleaned with Epoxi Dissolvent while the product is fresh.

Data sheet

DensityComp A - 1,13 kg/lt

DensityComp B - 0,97 kg/lt

Colour/sTransparent

Viscosity11.000 a 14.000 cp

Open time2 hours approximately

Mix proportionA:10; B:1 (in weight)

Performance

0.5 to 0.7 kg/m2 according to the type of support.

Storage

1 years in their original packagings and properly closed.

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