EPOAIS 10, BI-COMPONENT ADHESIVE BASED ON EPOXY RESINS



Description

High performance adhesive, two-component epoxy resins. Epoais 10 is ideal for bonding fresh concrete with curing concrete. Supports incorporating ARCUAIS.

Aplication

Epoais 10 is used in binding building materials, its most specific application is as a bonding bridge between new concretes and existing concretes.

Surface preparation

Must be well cleaned, free of greases, oils, stagnant water or loose parts, using sandblasting, abrasive blasting, milling, compressed air or wire brush, for cleaning according to the degree of contamination of the holder.

Modes of application

Stir the content of each package so as to obtain a uniform blend.
- Mix together by adding component B to component A. When not using the whole amount, the required proportions should be used as indicated.
- Mix manually or using a low speed electric mixer (400-500 rpm).
Mix in a proportion of 53A : 47B in weight

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síguenos en:

- Once mixed, use immediately within an open time of 1 hour approximately,
according to the temperature. (20ºC in this case, if you apply with highest temps the open time is reduced)
- Apply the product with a short- threaded paint brush or rubber spatula.
Apply immediately.
The support should be covered with EPOAIS 10. In case of joining old
hardened concrete to new concrete, apply to the latter within the open time of
the mix.
The expected physical and chemical resistances are achieved after 7 days.

Clean up

With our DISOLVENTE EPOXI before the product hardens. Once hardened, it can only be removed by mechanical means.

Data sheet

Color(s)Grey

Open Timeaprox. 1 hour at 20ºC

DensityComp. A: 1,45 Kg./Lt.± 0,05 a 20º C

DensityComp. B: 1,02 Kg./Lt.± 0,05 a 20º C

ViscosityComp. A: 20.000 + - 4.000 mPas

Drying time12 hours at 20ºC

Mix ratio53 A/47 B

AdhesionAdhesion to concrete> 1,5 N / mm2, broken concrete

Compressive Strength> 60 N/mm2

Flexural Strength> 30 N/mm2

Working temperaturebetween + 10 y + 30ºC

Performance

2 m2 per kg in concrete union

Storage

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2 years, in their original packagings, properly closed, without exposing to extreme temperatures, protected from the weather, in a dry and airy place.

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