



ARACO EPO ANCHOR

Epoxy Mortar for Anchoring

Product Description

ARACO EPO ANCHOR is a development of typical properties from epoxy resin, two components solvent free, Anchor fixation system for threaded and reinforcing bars in un-cracked concrete.

Applications

ARACO EPO ANCHOR is suitable for use as a structure adhesive and mortar for:

- Concrete elements
- Hard natural stone
- Ceramic, Fiber Cement, Mortar, Bricks, Masonry, Mortar, Bricks, Masonry
- Steel, Iron, Aluminum, Wood, Polyester, Epoxy, Glass.
- Dowel bars and starter bars fixation
- Steel structures and crane rails.

Product Advantages

- Easy to mix and apply
- High strength adhesive
- Extended open time
- Good curing time
- Good chemical Abrasion resistance
- Styrene free formulation – low odor
- Material is vapor barrier after cure

Product Data

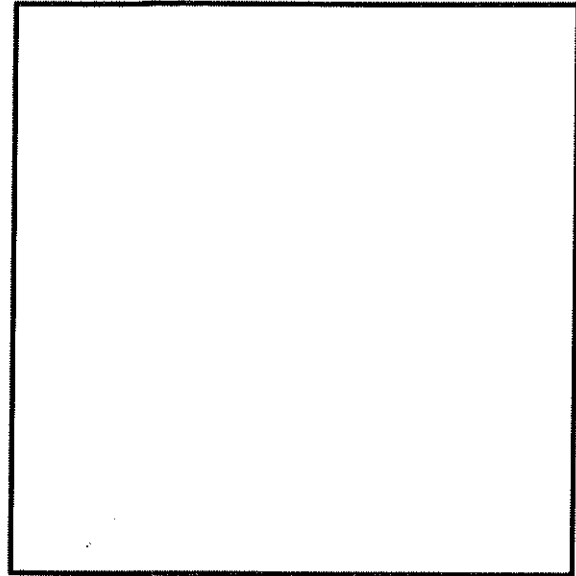
Characteristics

Composition Epoxy Resin Component A+B

Appearance Bale Green

Storage Condition Store in a dry area between 5°C and 25°C. Protect from direct sunlight

Shelf Life 12 months minimum from production date if stored properly in original unopened packaging.



ARACO EPO ANCHOR PACKAGE

1 Kg - 5 Kg

Surface Preparation

All surfaces must be clean, free from oil, grease, standing water and all loosely adhering particles.

Concrete must be at least 3-6 weeks old, depending on climate, wire –brush, sand –or grind substrates.

Product Application

Mix components (A+B) together for at least 2 minutes with a mixing paddle attached to a slow speed electric drill (max. 300 R.P.M.) until the material becomes homogeneous.

Avoid aeration while mixing.

When using a thin film adhesive, apply the mixed adhesive to the surfaces with a trowel, spatula or by glove-protection hand.

When applying as a repair mortar, take into consideration any form work that may be required on vertical surfaces it is no-sag up to 10 mm thickness

On damp surfaces, ensure that the material is well rubbed within maximum layer thickness: 30 mm

In case of anchor fixation, the **ARACO EPO ANCHOR** must be poured into the prepared holes the anchor bar should be pressed into the hole to the required depth and remain in his position until complete dryness.

ARACO FOR BUILDING MATERIALS AND CONTRACTING

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TECHNICAL DATA

Compressive Strength

Average strength at 1 day

45 Mpa

Average strength at 4 days

52 Mpa

Average strength at 7 days

63 Mpa

Tensile strength Average

strength at 7 days

23 Mpa @ 20 °C

Setting Time

Initial Setting time

0.5 hr

Density

2 Kg/L

Safety instructions

Minimum substrate and ambient temperature is 10 °C Don't any addition solvent due to un-proper cure.

Material is vapor barrier after cure

Do Not apply in wet area

Safety instructions

Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane, flush immediately with plenty of warm water and seek medical attention without delay. Avoid heat condition and in case of fire use CO² foam extinguish.

Legal notes

The information, recommendations and application - based on ARACO current knowledge and experience of the products when properly stored, handled and applied under normal conditions.

ARACO products are guaranteed against defective materials and manufacture and are sold subject to its standard conditions. Users should always refer to the most recent Technical Data Sheet for the product concerned, copies of Which will be supplied on request.

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