

ARACO EPO ANCHOR FIX

High strength, non-flow epoxy adhesive and repair mortar

Product Description

ARACO EPO ANCHOR FIX is a two component, solvent-free, high strength EPO ANCHOR FIX and patching compound. Formulated to give an easily applied paste and suitable for sealant gun application, ARACO EPO ANCHOR FIX is thixotropic in nature and is suitable for vertical and overhead bonding and structural repairs. It cures to give high mechanical properties typical of epoxy compound. It's resistant to oils, greases, petroleum, salts, many acids and alkalis and most commonly met corrosive media. Its impact resistance and mechanical strength are greater than that of concrete.

ARACO EPO ANCHOR FIX adheres well to most building materials without need for a primer, as well as exhibiting very good abrasion and chemical resistance along with negligible shrinkage

Applications

ARACO EPO ANCHOR FIX formulated to give an easily applied paste and suitable for overhead bonding and structural repairs. ARACO EPO ANCHOR FIX designed for a wide range of use such as:

- Fast setting rapid repair adhesive and mortar for corners, edges anchoring, holes and void filling.
- For vertical and overhead use joint filling and crack sealing
- Joint arris repair and crack sealing
- Bonding concrete to concrete and metal to concrete
- Bonding steel plates to concrete
- Bonding all types of tiles
- Bonding for wood blocks, insulation board and expanded polystyrene
- repairs to arises without the use of form work
- Gap filling, grouting, bedding fixtures and fixing dowel bars.
- Bug filling & Resurfacing



Package: 1 KG & 5 KG units

Product Advantages

- Easy to use
- high bond strength to different substrates
- High early and ultimate strength
- Epoxy-based
- Easily applied on vertical and overhead surfaces
- Water impermeable
- Non-slump
- Excellent workability
- Impact-resistant
- Good chemical resistance
- Trowels to a smooth finish
- Supplied in pre-weighed units

Surface Preparation

Concrete Surfaces:

- Dry & stable
- Free of materials that prevent bonding e.g. dust, grease, loose particles, etc.
- Protected from underneath moisture attach <4%

Steel Surfaces:

- The substrate should be free of rust or any other that prevents bonding, taking the surface back to base metal.
- The base metal should be abraded
- Do not allow surface to re-oxidize before application of ARACO EPO ANCHOR FIX

Mixing

- ARACO EPO ANCHOR FIX comprises two components, a resin base and a hardener, which are supplied pre-weighed.
- The two components should be mixed well until a uniform consistency and color are obtained, this should be ideally carried out using a mechanical mixer.
- In cold weather, mixing will be aided if they containers are stored in a warm environment before use

Product Application

For bonding concrete sections

- Knife or trowel ARACO EPO ANCHOR FIX to the required level
- The product should be applied to both surfaced and these brought together under light pressure
- Any excess paste which exudes from the joint should be removed and the joint trowelled to a neat finish.
- the assembled sections should be protected from movement until the resin is set

Bonding primer in the vertical or overhead position

- ARACO EPO ANCHOR FIX should be applied to the surface and worked well in to ensure good contact.
- The material to be bonded should then be placed

For patch repairs

- ARACO EPO ANCHOR FIX should be applied to the surface and finished to levels.

For Cracks

- ARACO EPO ANCHOR FIX can be applied to cracks or in accessible areas by means of a sealant gun.
- While the material is wet, brush out any ridges left by the trowel.

Consumption

2.86 m² at 1 mm thickness.

Note: Coverage rate takes no account of wastage and may vary according to surface condition and application method

Product Data

Composition	Two-component epoxy based mortar filled with selected fine aggregates
Appearance	Thixotropic grey viscous liquid
VOC	350 gm/L
Storage condition	Store in a dry area between 5C and 35C. Protect from direct sunlight
Shelf Life	12 months minimum from production date if stored properly in original unopened packaging.

Technical Data

Density	1.95 ± 0.05
Solid content	100%
Flash point	> 150 C
Compressive Strength	75 N/mm ² at 7 days ASTM D695
Flexural strength	15 N/mm ²
Bond strength	≥ 2.5 MPa Concrete failure
Application thickness	Up to 5 mm
Water absorption	0.2 % after 24 hours ASTM D 570
Pot Life	30-40 minutes @ 25°C
Heat deflection temperature	60°C
Coefficient of thermal expansion	43 * 10 ⁻⁶ ASTM C 580

Legal Notes

The information, recommendations, and application are 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 sold subject to 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.

More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring