

ARACO EPO REP PLUS

Three Component High Strength Epoxy Resin Patching Mortar

Product Description

ARACO EPO REP PLUS is a three thixotropic component, epoxy based, thixotropic, solvent-free, and selected aggregates.

ARACO EPO REP PLUS is used as a repair or patching mortar for many mineral substrates such as concrete, cementitious materials and stones.

The thixotropic nature of ARACO EPO REP PLUS allows it to function in vertical and over-headed situation without sagging while maintaining excellent bond.

Uses

ARACO EPO REP can be used:

- to repair purposes
- As a filler mortar
- to restore profile of precast concrete
- To restore profile of cast in place concrete
- As an abrasion and impact resistant coating

Product Advantages

- High tensile and flexural strength
- Non toxic
- High resistance to moisture
- High abrasion and impact resistance
- High early Strength
- Chemical resistance

Priming

Before the application of ARACO EPO REP PLUS, it is recommended to primer the surface with ARACO EPO REP PRIME for better result. (REFER TO ARACO TDS)

It is possible to apply ARACO EPO PLUS without priming the surface.

Mixing

ARACO EPO REP PLUS is made up of three components (A: resin, B: Hardener, C: Selected Aggregates) supplied pre-weighted in the correct proportions. Under no circumstances should part mixing be carried out.

Stir Part A using a mechanical means for about 1 min. Pour part B into part A and mix them for about 3 min at a low speed until a uniform color is achieved. Once a uniform color is obtained, Start adding Part C to the mix slowly until a well distribution of aggregates is obtained.



Package: 10 Kg

Application Rate: 2 kg/ mm²

Application

Apply ARACO EPO REP PLUS by a trowel, or a float. It is recommended to compact well the materials.

Make sure that the overall layer of the layer is not less than 3 mm.

Product Data

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| Component | A : Resin B : Hardener C : Aggregate |
| Appearance | Greyish mortar |
| Density | 1.9 ± 0.05 |
| Flexural Strength | 30 Mpa (7days) |
| Tensile Strength | 15 MPa(7 Days) |
| Compressive Strength | 70 Mpa(7 days) |
| Storage condition | Store in a dry area between 5C and 35C. Protect from direct sunlight |
| Shelf Life | 2 years minimum from production date if stored properly in original unopened packaging. |