

ARACO EPO TILE SF

High strength, non-flow epoxy bedding and repair mortar.

Product Description

ARACO EPO TILE SF is a two component, solvent free, high strength adhesive and patching compound. Formulated to give an easily applied paste and suitable for sealant gun application, **ARACO EPO TILE SF** 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 is 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 TILE SF adheres well to most building materials without the need for a primer, as well as exhibiting very good abrasion and chemical resistance along with negligible shrinkage

Applications

ARACO EPO TILE SF Formulated to give an easily applied paste and suitable for overhead bonding and structural repairs. **ARACO EPO TILE SF** designed for a wide range of use such as:

- 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.
- Bonding for ARACO FLEX system.

Surface Preparation

- The surface to be coated must be Concrete clean, sound, dust free and un- un-contaminated.
- Remove Loose parts, form release agents, cement laitance and paint.
- Concrete should be at least 4 weeks old.
- In order to provide maximum adhesion, concrete surfaces should be mechanically abraded



Package: 20 Kg

Consumption: : 1.9 m² at 1mm thickness (**Tiling**)
1m² requires approx. 0.18kg (**Grouting**).

Note:

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

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

Mixing

- **ARACO EPO TILE SF** 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 colour are obtained, this should be ideally carried out using a mechanical mixer.
- In cold weather, mixing will be aided if the containers are stored in a warm environment before use.

Product Application

For bonding concrete sections:

- Knife or trowel **ARACO EPO TILE SF** to the required level.
- The product should be applied to both surfaces 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 TILE SF** 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 TILE SF** should be applied to the surface and finished to levels.

For Cracks

- **ARACO EPO TILE SF** 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.

Technical Data

Density	1.85 ± 0.05
Flashpoint	N/A
Solid Content	100%
Application Thickness	Up to 5 mm
Bond Strength	Greater than that of the concrete
Resistant to slip	Excellent
Compressive strength	>60N/mm ² at 7 days ASTM D695
Pot Life (25°C)	40 minutes

Product Data

Composition	Two-component epoxy-based mortar filled with selected fine aggregates.
Appearance	Thick grey paste
VOC	<20 g/ltr
Storage condition	Store in a dry area between 5°C and 35°C. Protect from direct sunlight
Shelf Life	12 months minimum from production date if stored properly in original unopened packaging.

Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your hands. In contact with eyes or mucous membrane. flush immediately with plenty of warm water and seek medical attention without delay.

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