

ARACO EPOFLOOR SF

Solvent Free High Performance Epoxy Coat for Thickness up to 800 Microns

Product Description

ARACO EPOFLOOR SF is a two component high performance solvent free double coats application epoxy coating.

ARACO EPOFLOOR SF is commonly utilized as a part of a complete floor system. Once cured, ARACO EPOFLOOR SF has excellent abrasion and chemical resistance. It is available in a variety of colors.

ARACO EPOFLOOR SF provides an attractive hard wearing and easily cleanable floor finish. It use on floors enhance lighting in the environment due to the product reflective properties.

Standards Compliance

- BS EN 486:2009

Uses

ARACO EPOFLOOR SF can be used:

- For floor coating for a variety of industrial application: assembly areas, parking floors, kitchens, showrooms, laboratories
- As a coating for ARACO SF30

Advantages

- Chemical Resistance
- Self-leveling
- High abrasion Resistance
- Hygienic, easy to clean
- Slip resistance finishing
- High adhesion to the substrate

Surface Preparation

Substrate must be clean and free from all foreign or contaminating materials that might impair the quality of bond with the substrate such as oils, grease, curing compounds, dust, and loose aggregate or sand particles. All imperfections must be treated by the mean of ARACO REPAIR SYSTEM.

Prime the surface using ARACO PRIME SF before the coating application.

New concrete floors shall be at least 28 days old within moisture content of at less 5%



Package: 5 KG and 20 KG kit

Consumption: 0.4 kg/m² per 1 coat

Mixing

Each of the component of ARACO EPOFLOOR SF should be individually stirred well before mixing them together.

Mix the materials using an electric drill with low rotation speed (300 rpm) for 2-3 minutes homogeneous mixture is obtained.

Manual mixing is allowed for small batch quantities for approx. 1-2 min or until a lump free homogeneous mixture is obtained.

Application

The application of ARACO EPOFLOOR SF is best carried out when the surface to be coated is above 10°C and when humidity does not exceed 85 %.

ARACO EPOFLOOR SF is applied 24 hours after the primer ARACO SF has initially cured. It can be applied by a brush, roller, spike roller or by using a suitable serrated squeegee and then back rolled as long as the appropriate recommended thickness are maintained.

ARACO EPOFLOOR SF produces a smooth finish, which can be slippery, especially when wet. It is recommended to add sand to the coating in order to prevent the slipping effect.

Product Data

Composition	A: Resin – B: Hardener	
Mixed Density	1.25 kg/liter	
Solid Content	100 %	
Applicable humidity	75%	
Recommended DFT	600 microns	
Thin film dry time	About 9 hours	
Max Recoat time	60 Hours	
Pot Life	45 min	
Setting time	3 – 5 Hours	
VOC	<10 g/ltr	
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.	

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.

Technical Data

Compressive Strength

Average strength at 3 day	65 Mpa	ASTM C579
Average strength at 7 day	94 Mpa	
Average strength at 28 day	152 Mpa	

Bending Strength

Average strength at 28 day	70 Mpa	ASTM D790
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Tensile Strength

Average strength at 28 day	56 Mpa	ASTM C307
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Bond Strength

Average strength at 28 day	16 Mpa	ASTM D4541
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Water Absorption

Max water absorption	0.001	ASTM D413
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More from ARACO

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

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