

ARACO PRIME SF

Solvent Free High Performance Epoxy Primer

Product Description

ARACO PRIME SF is a two component high performance solvent free double coats application epoxy primer.

ARACO PRIME SF is commonly utilized as a part of a complete floor system. Once cured, ARACO PRIME SF has excellent abrasion and chemical resistance.

ARACO PRIME SF provides an attractive hard wearing and easily cleanable floor finish. Its use on floors enhances lighting in the environment due to the product's reflective properties.

Standards Compliance

- BS EN 486:2009

Uses

ARACO PRIMER SF can be used:

- For floor coating for a variety of industrial applications: assembly areas, parking floors, kitchens, showrooms, laboratories
- As a primer 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.

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



Package: 5 liter and 20 liter kit

Consumption: 0.2 kg/m² per 1 coat

Mixing

Each of the components of ARACO PRIME 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. A 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 PRIME SF is best carried out when the surface to be coated is above 10°C and when humidity does not exceed 85%.

ARACO PRIME SF is 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 is maintained.

Product Data

Composition	A: Resin – B: Hardener
Mixed Density	1.6 kg/liter
Applicable humidity	75%
Recommended DFT	800 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	61 Mpa	
Average strength at 7 day	93 Mpa	ASTM C579
Average strength at 28 day	140 Mpa	

Bending Strength

Average strength at 28 day	65 Mpa	ASTM D790
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Tensile Strength

Average strength at 28 day	53 Mpa	ASTM C307
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Bond Strength

Average strength at 28 day	15 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
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring