ARACO
BUILDING MATERIALS AND CONTRACTING

Flooring

ARACO EPOFLOOR SB 30

Solvent Based High Performance Epoxy Primer

Product Description

ARACO EPOFLOOR SB 30 is a two component high performance solvent based double coats application epoxy coating.

ARACO EPOFLOOR SB 30 is commonly utilized as a part of a complete floor system. Once cured, ARACO EPOFLOOR SB 30 has excellent abrasion, dust and chemical resistance. It is available in a variety of colors.

ARACO EPOFLOOR SB 30 provides an attractive hard wearing and easily cleanable floor finish.

Standards Compliance

- BS EN 486:2009

Uses

ARACO EPOFLOOR SB 30 can be used:

- For floor coating for a variety of industrialapplication: assembly areas, parking floors,kitchens, showrooms, laboratories
- As a coating for ARACO SB30

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 SB** 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: 0.3 L/m2/2 coats

Mixing

Each of the component of **ARACO EPOFLOOR SB 30** 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 SB 30** is best carried out when the surface to be coated is above 10°C and when humidity does not exceed 85 %.

ARACO EPOFLOOR SB 30 is applied 24 hours after the primer ARACO SB 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 SB 30 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.

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Product Data

Composition	A: Resin - B: Hardener
Mixed Density	1.25 kg/liter
Solid Content	65 %
Applicable humidity	75%
Recommended DFT	300 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	43 Mpa	
Average strength at 7 day	68 Mpa	ASTM C579
Average strength at 28 day	101 Mpa	
Bending Strength		
Average strength at 28 day	59 Mpa	ASTM D790
Tensile Strength		
Average strength at 28 day	44 Mpa	ASTM C307
Bond Strength		
Average strength at 28 day	9 Mpa	ASTM D4541
Water Absorption		
Max water absorption	0.003	ASTM D413

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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

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