ARACO
BUILDING MATERIALS AND CONTRACTING

Flooring

ARACO PRIME SF

Two-Component, Solvent Free Epoxy Primer and Sealer

Product Description

ARACO PRIME SF is a solvent free epoxy used as primer and sealer for ARACO Epoxy flooring systems. **ARACO PRIME SF** is applied by brush, ruller or squeeqee in one or two coats depending on the texture and porosity of the surface being primed.

Applications

ARACO PRIME SF may be used as the surface sealer/primer for ARACO Epoxy Flooring System. **ARACO PRIME SF** may be used in the following industries:

- Food production.
- Pharmaceutical.
- Medical laboratory situations.
- Car production facilities.
- Aircraft hangars
- Maintenance areas
- Warehouses.
- Traffic decking
- Car parks.
- Exhibition halls.

Surface Preparation

- The surface to be coated must be clean, sound, dust free and un-contaminated.
- Remove Loose parts, form release agents, cement laitance and paint.
- Mechanically cleaned, use suitable cleaning method including grit blasting and grinding.
- Defected concrete should be filled with **ARACO EPO PUTTY,** or ARACO cementitious/epoxy repair materials range.
- After preparation has been completed, ensure all dust is removed from the surface.
- Prior to application **ARACO PRIME SF** should be stored under cover and protected from extremes of temperature which will cause inconsistent workability, finish and cure times for the mixed material. Ideally at least 24 hours before mixing, **ARACO PRIME SF** should be conditioned at approximately 23°C.
- For Cementitious substrates, it should Protected from underneath moisture attack <4%.

Package: 20 Kg units.

Product Advantages

- Good general chemical resistance
- Acid resistant.
- Applies with brush or roller.
- Excellent adhesion to concrete surfaces.
- Easily cleaned.
- Economical and easily applied.
- Good penetration.
- Wear and abrasion resistant.
- Improves bond of the topcoat.

Mixing Tools

- All porous concrete surfaces to be overlaid with ARACO Epoxy Flooring System should be sealed with a coat of ARACO PRIME SF.
- The product is a two-component material comprising Part A component (resin) and Part B component (hardener) which should be mixed together prior to use.
- The Part A component should be stirred and whilst continuing stirring, the Part B component should be added with mixing continuing until a homogeneous mix results.
- The use of a mechanical mixer with a slow speed rotation <300 rpm is advisable to ensure thorough and complete mixing.
- Mix for approximately 2 to 3 minutes.
- The properly mixed coating is now ready to be applied onto the primed substrate.
- Improper mixing may result in product failure.

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Application

Depending on the use of the **ARACO PRIME SF**, there are different cases of application:

Priming

- Application is best carried out when the surface to be coated is above 10°C and when humidity does not exceed 85%.
- **ARACO PRIME SF** can be applied by brush, roller, Spray or by using a suitable serrated squeegee.
- The application of the qualified ARACO Epoxy Flooring system follows within 24 hours and after the primer has hardened.
- Apply the mixed material to the dry substrate at the rate of 5-7 m^2 / L using a medium or short hair roller.
- Allow the primer to become completely tack-free before over-coating with ARACO EPOFLOOR Range.

Sealing concrete pores

- **ARACO PRIME SF** is brushed on the prepared surface in 2 layers in case high porosity concrete.

Anti-slip concrete

- Preparing the anti-slip surfaces, using ARACO AGGREGATE spread on the still fresh first layer **ARACO PRIME SF,** After the Primer is hardened any loose grains should be removed using a high suction vacuum cleaner.
- Finally, you go with the second of ARACO PRIME SF as top layer finish layer.

Consumption

0.15 - 0.2 kg/m2

Note:

Coverage rate takes no account of wastage and may vary according to the type of surface involved.

Product Data

Composition	A (Resin) + B (Hardener) packed in two separate containers.
Appearance	Transparent
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.

Technical Data

All test results @ 23 C and 50% R.H.

Density	1.1 kg/m3	ASTM D792
Tack-free	120 minutes	
Bond Strength	≥ 1.5 MPa (Concrete Failure) ASTM D4541	
Compressive Strength	>60 MPA ASTM C579	
Impact Resistance	Pass ASTM D2794	
Minimum re-coat time	6 hours	
Maximum re-coat time	24 hours	
Pot Life	30 min	
Fully cured	After 7 days	

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.