

SOLIDKOTE 305 ENAMEL

General Purpose Gloss Solvent Based Epoxy Enamel

Durable and versatile protective solvent based epoxy enamel coating for concrete, steel or wood surfaces used on walls and floors for excellent chemical and water resistance. Available in standard colours.

UNIQUE PRODUCT BENEFITS

- Can be over coated with solvent-less epoxy or solvent based systems.
- Quick drying - long pot life.
- Excellent chemical resistance.
- Good adhesion and inter-coat adhesion.

SUBSTRATE REQUIREMENTS

Concrete substrates must have a minimum compressive strength of 20 to 25 MPa, a minimum tensile pull-off strength of 1.5 MPa and be free of oil, fat, grease, dust, and loose friable materials.

Note: Any filling of blowholes / voids and surface levelling of substrate can be achieved using appropriate products within Technical Finishes Construction Range (please speak to one of our technical sales representatives).

PREPARATION

Remove all previous coatings, unbonded concrete and laitance mechanically through diamond grinding, abrasive blasting or scarifying to obtain a sound and porous surface (sandpaper texture). Sweep dust and loose debris followed by vacuuming, to obtain a dry and dust-free surface. Grit blasting to SA2½ is recommended for steel surfaces.

INSTALLATION:

Prime prepared concrete surfaces with **Solidkote SBP** @ 6 to 8 m² / L. Allow to cure for a minimum of 4 hours.

Mix the contents of the two components well. Using the exact volumes in accordance with the given mixing ratio,

TECHNICAL DETAILS

No of Components	2
Mixing Ratio by Volume	4 : 1
Pot Life @ 25°C	4 to 6 hrs
Drying Time:	
Touch Dry	2 to 4 hrs
Practical Cure	12 hrs
Full Cure	7 days
Application	Brush or roller
Theoretical Coverage	8 to 10 m ² / L
D.F.T.	± 42 µm per coat
Recommended No of Coats	1 to 2
Overcoat Time	Min 8 hrs
Application Temperature	Min 10°C Max 35°C
Volume Solids	42%
Thinners	Solidkote 505 Epoxy Thinner
Cleaner	W.S.B.C.
Shelf Life	12 months

combine the contents of the two containers together for 2 to 3 minutes using a mechanical mixer. Allow materials to stand for 10 to 20 minutes before use. Apply by roller or brush. When over coating, due care precautions are to be taken to ensure that the primed surface is free of any chalking, dirt or any other form of contamination prior to proceeding with additional coating. Solvent wiping is recommended.

Leading manufactures of specialist epoxy and polyurethane flooring systems, specialised construction and corrosion protection products.

Distribution facilities nationwide

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HEALTH AND SAFETY

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS Act No.85 of 1993. The finished system is not hazardous to health or the environment.

Avoid skin contact. Sufficient ventilation must be provided in confined areas. Precautions should be taken as this material is flammable. Do not apply if relative humidity exceeds 85%. Ensure surface temperature is 2% above dew point.

WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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