

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

PLC 33 AC PURE ACRYLIC COATING

DESCRIPTION

PLC 33 AC is a pigmented solvent-based acrylic coating formulated using proven methacrylate resins to provide long term protection against corrosion for steel and carbonation for concrete, masonry and brickwork surfaces in industrial and marine environment. It can also be used as a protective topcoat for other primer and sealers to provide an aesthetic finish.

RECOMMENDED USES

PLC 33 AC is always recommended as an anti-carbonation coating for reinforced concrete block, plaster, cement render, plaster board and asbestos board surfaces to protect from mechanical and mild chemical attack besides providing a durable and aesthetic surface. **PLC 33 AC** has extremely good UV resistance and is the ideal choice for both interior and exterior surfaces. It can be used as a protective topcoat for other coatings to improve the aesthetic as well as durability of the coating.

LIMITATIONS

PLC 33 AC is not recommended for exposure to strong chemicals. It is also not recommended for immersion service.

ADVANTAGES

- Excellent alkali and fungal resistance.
- Adhesion - Excellent adhesion over concrete and masonry surfaces.
- Excellent performance on old, painted and new surfaces.
- Can be applied by spray, roller or brush.
- Excellent weathering resistance for exterior applications.
- Easy application - simple mixing and application procedures.
- Excellent weathering resistance for exterior applications.
- Excellent anti-carbonation properties for reinforce concrete.

PHYSICAL DATA

Finish	: Gloss
Colour	: Wide range of colours
No. of Components	: One
Recommended Thickness	: 50 microns DFT per coat
Theoretical Coverage	: 10m ² /litre @ 50 microns DFT
Drying Time	: Touch dry 45 minutes Topcoat 3 hours
Packing Size	: 20 litres
Cleaner	: PLC Cleaner # 2
Thinner	: PLC Thinner #3 or THINNER #15
No. of coats recommended	: Two

APPLICATION INSTRUCTIONS

SURFACE PREPARATION : Remove oil or grease from surface to be coated with suitable detergent or degreaser and high pressure water-jet for concrete surfaces. New concrete shall be allowed to cure for at least 28 days before application of coating. All traces of laitance, shutter release or curing compound should be removed.

PRIMER : For anti-carbonation coating system, apply over **SURESEAL PS 700** or **SURESEAL PS 700 W** Primer.

For steel surface prime with **PLC 328 EP**, **PLC 118 ST** or other suitable primers or undercoats.

MIXING : Agitate with power stirrer or stick to mix the resin base and the pigments which might have slight sedimentation during storage.

APPLICATION : **PLC 33 AC** can be applied by roller, brush or spray. For roller application, use only recommended thinner to ensure good workability.

THINNING : Can be thinned up to 10% with Thinner #15 for workability when necessary.

DRYING : Allow to cure for at least 3 hours before re-coating.

CLEANING : Clean all tools and equipment with Cleaner #2 immediately after use.