

# The Advanced Material

## The Significant Differences...

### PRODUCT DATA SHEET

Rev. 1/04.05

## PLC 34 AC PURE ACRYLIC COATING

#### DESCRIPTION

**PLC 34 AC** is a pigmented solvent-based acrylic concrete coating formulated using proven methacrylate resins to provide long term protection against corrosion and staining of carbonation for concrete, masonry and brickwork surfaces in industrial environment. It can also be used as a protective top-coat for other primer and sealers to provide an aesthetic finish.

#### RECOMMENDED USES

**PLC 34 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 34 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 34 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	: Low Gloss
Colour	: Wide range of colours
No. of Components	: One
Recommended Thickness	: 75 microns DFT per coat
Theoretical Coverage	: 10m <sup>2</sup> /litre @ 50 microns DFT
Drying Time	: Touch dry 45 minutes Topcoat 3 hours
Packing Size	: 20 litres
Cleaner	: PLC Cleaner # 2
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.

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

**APPLICATION** : **PLC 34 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 20% 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.