

# The Advanced Material

## The Significant Differences...

### PRODUCT DATA SHEET

Rev. 1/04.05

## PLC 84 AC CLEAR ACRYLIC SEALER

#### DESCRIPTION

**PLC 84 AC** is a clear solvent-based acrylic concrete sealer formulated using proven acrylic resins to provide long term protection against corrosion and staining for concrete, masonry and brickwork surfaces in industrial environment.

#### RECOMMENDED USES

**PLC 84 AC** is always recommended as a sealer over new or old concrete, concrete block, plaster, cement render, plaster board and asbestos board surfaces to protect from mechanical and mild chemical attack besides providing a non-dusting and durable surface. **PLC 84 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 84 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 over old, painted and new surfaces.
- Can be applied by spray, roller or brush.
- Easy application - simple mixing and application procedures.
- Durable - Excellent abrasion resistance for light traffic.
- Excellent weathering resistance for exterior applications.

#### PHYSICAL DATA

|                          |   |
|--------------------------|---|
| Finish                   | : Gloss                                   |
| Colour                   | : Clear                                   |
| No. of Components        | : One                                     |
| Recommended Thickness    | : 50 microns DFT                          |
| Theoretical Coverage     | : 7m <sup>2</sup> /litre @ 50 microns DFT |
| No. of coats recommended | : One                                     |
| Drying Time              | : Touch dry 45 minutes<br>Topcoat 2 hours |
| Packing Size             | : 20 litres                               |
| Cleaner                  | : PLC Cleaner # 2                         |

#### APPLICATION INSTRUCTIONS

**SURFACE PREPARATION** : Remove oil or grease from surface to be coated with clean rags soaked in PLC Cleaner #2 in accordance with SSPC-SP1 or suitable detergent and high pressure water-jet for concrete surfaces. New concrete shall be allowed to cure for at least 28 days before application of sealer. All traces of laitence, shutter release or curing compound should be removed.

**MIXING** : Not required but for materials kept for a long time, light agitation might homogenise the slight separation during the long storage.

**APPLICATION** : **PLC 84 AC** can be applied by roller, brush or spray. For spray application, use low-pressure non-atomising spray and apply sufficient material on the surface to allow for absorption into the surface.

**THINNING** : Can be thinned up to 50% with Thinner #15 for workability.

**DRYING** : Allow to cure for at least 2 hours before re-coating.

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