

# The Advanced Material

## The Significant Differences...

### PRODUCT DATA SHEET

Rev. 1/04.05

## SURESEAL PS78 EPOXY DAMP PROOFING PRIMER

#### DESCRIPTION

**SURESEAL PS78** is a three-component epoxy damp proofing primer with excellent penetrating properties even into damp concrete. It is designed with special ingredient to have very high hydrophobicity, flexibility and adhesion to withstand hydrostatic pressure and bonds well to green concrete.

#### RECOMMENDED USES

**SURESEAL PS78** is recommended as a damp proof primer for concrete surfaces prior to application of surfacer, membranes, mortar or toppings.

**SURESEAL PS78** can also be used as a surface hardener for concrete floors in workshops, garages, mechanical rooms and warehouses to prevent dusting. It can be applied to concrete slabs with certain degree of rising dampness.

#### ADVANTAGES

- Deep penetration concrete surface to avoid peeling.
- Extremely high hydrophorbicity.
- Excellent adhesion to damp surface and green concrete.
- Good resistant against mild chemicals.
- Compatible with wide range of topcoats.
- Cures in cold temperature.

#### PHYSICAL DATA

Volume Solids	: 98 ± 2 %
No. of Components	: Three
Theoretical Coverage	: 3 kg/ m <sup>2</sup> @ 2 mm
Topcoating Time	: Minimum - 6 hours Maximum – 30 days.
Pot Life	: 30 minutes.
Packing Size	: 20 kg
Cleaner	: Thinner #2

#### APPLICATION INSTRUCTIONS

**SURFACE PREPARATION** : The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. Fins and protrusions must be removed by grinding or sanding. New concrete shall be allowed to cure for at least 7 days before application of **SURESEAL PS78**. For areas with rising dampness, provide sufficient ventilation to allow damp surface to dry before coating. The preferred surface preparation method is by captive blasting or scarifier.

**MIXING** : Stir well Part A and Part B in a 20 liter pail then slowly mix in Part C fillers and continue to mix till homogeneous. **SURESEAL PS78** is designed to self-smoothen after application. No thinning is required during application.

**APPLICATION** : Materials should be poured on the floor immediately after mixing and spread at the recommended spreading rate with steel trowel or squeegee. Application of spike roller is optional.

**CURING** : The coated surface can be opened to foot traffic 24 hours after application. With good ventilation, topcoats can be applied after 4 to 5 hours.

**CLEANING** : All application tools must be cleaned using **PLC Cleaner #2** immediately after use.