

TECHNICAL DATASHEET

PU PRIMER WATERPROOFING

PRODUCT DESCRIPTION

This high-quality 1K polyurethane primer paint offers superior insulation and water resistance, protecting exterior concrete substrates.

PRODUCT BENEFITS

- 1- Easy to apply
- 2- Water repellency
- 3- High resistance to weathering and ultra violet light.
- 4- Excellent adhesion onto the majority of substrates.
- 5- Excellent alkali resistance
- 6- Excellent abrasion resistance

RECOMMENDED USES

It provides an ideal protective coating to precast concrete areas. It is suitable for application on gypsum board, plaster, wood and steel structures. Specially developed for humid areas, providing long life coating without maintenance.

SURFACE PREPARATION

For best results in penetration and bonding, the surface should be flat, smooth, even, and free from cracks. All surfaces must be clean, dry, and free of oil, grease, and loose debris. Water blasting is the recommended cleaning method, with extra care taken to address moss and lichen—these areas should be treated with Fungicidal Wash. Oil and grease must also be removed.

CHEMICAL AND PHYSICAL PROPERTIES

Physical Properties

Physical State	Creamy Liquid
Appearance	White Finish
Specific Gravity, ISO 2811	$1.1 \pm 0.05 \text{ g/cm}^3$
Viscosity, ISO 2884	14- 16 poises
Drying Time, ASTM D5894	4- 6 hours
Sag Resistance	Excellent
Water resistance	Excellent
Coverage	25-35 m ² /US gallon

Chemical Properties

Solids by Weight	$48 \pm 2 \%$
Solids by Volume	$25 \pm 2 \%$

PRIMING/THINNING/ APPLYING

The product can be applied using a roller, brush, spreader, or airless sprayer.

- 1- Primer Coat: Dilute up to 20% with Xylene.
- 2- Wait 24hrs before applying the Pu waterproofing topcoat
- 3- Clean tools and equipment immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US gallon = 3.78 L.
- 1Pail (5 U.S.G.) = 20L

STORAGE

Store in dry, cool place (below 35°C) for up to 12 months from production.

Technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.