

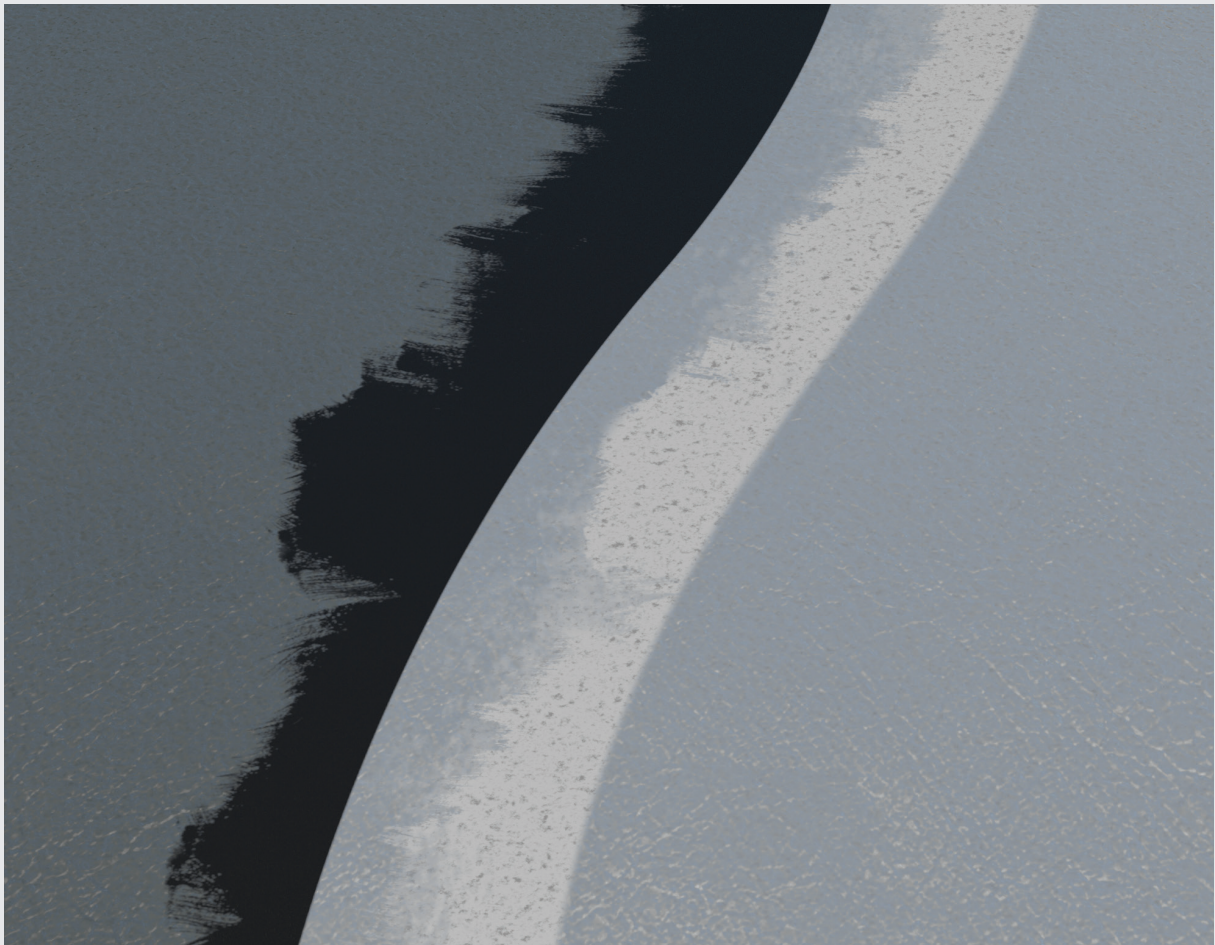
SIGNATURE^S

LIQUID WATERPROOFING

Product Data Sheet

PU SAME DAY PRIMER

**Low viscosity, polyurethane-based primer for same day application of
SIGnature PU-10, PU- 20 Liquid Coatings and PU Liquid Fibre**



DESCRIPTION

SIGnature PU Same Day Primer is a single component polyurethane (PU) primer suitable for most substrates. It can be used on both porous and non-porous substrates and must be used prior to the application of SIGnature PU Liquid Coatings. It has a very low viscosity and balanced curing speed which results in excellent wetting, penetration and paint over time on all substrates. Additionally, it can be used on dry concrete, not only as a primer but also as a low cost sealing solution onto that substrate.

TYPICAL APPLICATIONS

- Asphalt
- Built up felt
- Ceramic tiles
- OSB decking and all other timber surfaces
- Recovery boards
- GRP
- Metal
- As a 'reactivation prime' over SIGnature PU-20 and PU-10 Liquid Coatings, and PU Liquid Fibre if these products require over coating after the 48 hours cure time has been exceeded
- As a sealer over concrete and brick

LIMITATIONS OF USE

This product will discolour if used as an exposed sealer. This is purely visual and does not affect the performance of the membrane. If the primed surface has been rained on before the main coating applied, then area must be dried and further primer applied.

FEATURES AND BENEFITS

- Single component (no additional accelerator needed)
- Low viscosity
- Easy to apply by brush or roller
- Excellent wetting, penetration and drying time
- Elastic

COVERAGE RATES

Approximately 0.1 to 0.3 ltrs/m² dependent on substrate. Typically 0.2ltrs/m² on semi-porous substrates.

PACKAGING AND SHELF LIFE

Supplied in 4ltr tins. Can be kept for a minimum of 12 months in the original unopened tins in dry conditions at temperatures between 5°C to 25°C.

APPLICATION PROCEDURE

It is essential that the substrate to be treated is thoroughly cleaned with a high pressure washer, on smaller areas a stiff broom and soapy water and rinse will suffice. Remove all oil, grease and wax contaminants, cement laitance and loose particles. Make good all cracks and blisters, fill surface irregularities with a suitable product.

Allow substrate to fully dry.

Apply SIGnature PU Same Day Primer at a sufficient coverage rate to seal the surface. Primer coverage rates will vary dependent on surface porosity.

Allow SIGnature PU Same Day Primer to fully dry (approximately 2 hours dependent on ambient air temperature and humidity).

CLEANING

Clean tools first with paper towels and then using a suitable solvent. Rollers and paint brushes will not be re-useable. Dispose of these items responsibly.

PRECAUTIONS

Contains volatile, flammable solvents.

This product contains volatile, flammable solvents. Always apply in well-ventilated, non-smoking areas away from any source of ignition. In enclosed spaces always use ventilators and carbon active masks.

A Safety Data Sheet is available on request.

TECHNICAL SPECIFICATION

In liquid form (before application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (BROOKFIELD)	cP	ASTM D2196 - 86, @ 25°C	150 -250
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20°C	0.98

The cured membrane:

PROPERTY	UNITS	METHOD	SPECIFICATION
Tensile strength at break, @ 23°C	kg/cm ² (N/mm ²)	ASTM D412 / EN - ISO - 527 - 3	350 (35)
Elongation @ 23°C	%	ASTM D412 / EN - ISO - 527 - 3	>150
Dry to touch (on dry cement)	HOURS	-	2
Application of main membrane	HOURS	-	2 - 48
Adhesion to cement	mPa	ASTM D1640	>4
Adhesion to SIGnature PU-10 or PU-20 Liquid Coating	mPa	ASTM D1640	>5



Mannheim House, Gelders Hall Road, Shepshed, Leicestershire LE12 9NH

Tel: 08445 766 760 Fax: 08445 766 761

Email: info@singleply.co.uk Web: www.singleply.co.uk