ClassicLiquid®
Liquid Waterproofing

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Primer

Low viscosity, polyurethane based primer

Description

ClassicLiquid Primer is a single component polyurethane 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 ClassicLiquid Waterproof Coating. It is characterised by its 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.

Recommended For

To be used as a primer over:

- Asphalt
- Built up felt
- Ceramic tiles
- OSB Decking and all other timber surfaces
- Recovery boards
- GRP
- Metal
- As a “reactivation primer“ over ClassicLiquid Waterproof Coating and ClassicLiquid Detail Coating if these products require over coating after the 48 hours cure time has been exceeded
- As a sealer over concrete and brick

Limitations

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

Features & Benefits

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

Application Procedure

- It is essential that the intended substrate 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 to fully dry.
- Apply ClassicLiquid Primer at a sufficient coverage rate to seal the surface. Primer coverage rates will vary dependant on surface porosity
- Allow primer coat to fully dry. (approx. 2 hours but is dependent on ambient air temperature and humidity)

Coverage Rates

Approx. 0.1 - 0.3 ltrs/m^2 dependant on porosity of substrate.

Typically 0.2ltrs/m^2 on semi porous substrates.

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.

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

Packaging and Shelf Life

4ltr Tins

Can be kept for a minimum of 12 months in the original unopened pails in dry conditions at temperatures between 5^0C - 25^0C.

Technical specification

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

In cured form (after application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Tensile strenght at break @ 23^oC	Kg/cm^2 (N/mm^2)	ASTM D412 / EN - ISO - 527 - 3	350 (35)
Elongation @ 23^oC	%	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 of ClassicLiquid Waterproof Coating to ClassicLiquid Primer	mPa	ASTM D1640	> 5