

FLS 101 Same day primer

Product Description

FLS 101 same day primer is a one component, polyurethane based primer suitable for all substrates. It can be used successfully on both porous or non-porous substrates.

It is characterised by its very low viscosity and balanced curing speed which result in excellent wetting, impregnation and paint-over time on all substrates, whether of high, low or no porosity (e.g. glass and metals). Additionally, it can be effectively used on both dry and wet concrete, even green concrete, not only as a primer but also as a low-cost sealing solution, increasing, the durability of the substrate.

FLS 101 should be applied with a brush or roller at a consumption rate of **200g per m²**, subject to substrate porosity.

Recommended uses as a primer

- Humid, damp or wet concrete
- Non-porous substrates
- Concrete sealer

Features & Benefits

- One component
- Low viscosity
- Easily applied, even on wet concrete
- Excellent wetting, impregnation and paint-over time.
- Elastic
- A low-cost solution for concrete sealing & protection.

Limitation

Will discolour if left exposed. This is purely visual and does not affect the performance of the membrane.

Application Procedure

Clean the surface using a high pressure washer, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, cured membranes must also be removed.

Thinning: In order to reduce the chance of bubble formation and to help keep consumption below 500g per m²

Application: Apply with brush or roller. Once cured, the cold applied Fatra Liquid System FLS 104 / FLS 105 (refer to separate data sheet) can be applied. Allow 2 to 4 hours to cure (dependant on temperature).

Consumption

Concrete: **200g per m²**, subject to substrate porosity

Cleaning

Due to the very high strength of adhesion of FLS 101, avoid staining surrounding areas. Clean tools and equipment first with paper and then using FF860 Solvent Cleaner. Rollers will not be reusable.

Packaging

4 litre tins

Shelf Life

Can be kept for 12 months maximum in the original unopened tins in dry places and at temperatures of 5 to 25°C. Once opened use as soon as possible

Safety Information

FLS 101 is free of solvents. Nevertheless you are advised to observe the standard safety rules.

Apply in well ventilated, non smoking areas and away from naked flames. In closed spaces use ventilators and respiratory equipment / fitted face masks. Refer to MSDS for further information.

Technical specifications

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

In cured form (after application):

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	-	2-4
Application of main membrane	Hours	-	24-48
Adhesion to cement	mPa	ATSM D1640	>4
Adhesion of FLS 104 / FLS 105	mPa	ASTM D1640	>5