

FLS 102 Next day primer

Product Description

FLS 102 is a one component, low viscosity, polyurethane based primer suitable for many different substrates. It is characterised by its very low viscosity and balanced curing speed which result in excellent wetting, impregnation and paint-over time on different substrates, whether of high, low or no porosity (e.g. glass and metals). Additionally, it can be effectively used on dry, wet and green concrete, as a primer and a low-cost sealing solution, increasing the durability of the substrate. The cured film displays outstanding mechanical properties: Its elongation is >300%, and its tensile strength surpasses 30N/mm².

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
- Ceramic tiles
- Non-porous substrates like glass, marble and metals
- Concrete sealer

Features & Benefits

- One component
- Low viscosity
- Easily applied, even on wet concrete
- Adheres strongly to glossy non-porous substrates
- 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. Apply with a brush or roller. Once cured the main membrane FLS 104 / FLS 105 can be applied. Allow 24 hours to cure.

Cleaning

Clean tools and equipment first with paper and then using FF860 Solvent Cleaner. Rollers will not be reusable.

Packaging

5 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 102 contains volatile flammable solvents. 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	40-50
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20°C	0.9-1

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	300 (30)
Elongation @ 23 °C	%	ASTM D412 / EN-ISO-527-3	> 300
Dry to touch: On DRY cement	Hours	-	4-6
Application of main membrane	Hours	-	12-24
Adhesion to cement	mPa	ATSM D1640	>4