

Satex PU Folie

One Component polyurethane base elastic water proofing compound

Properties

Satex PU Folie is single component ready to use fluid polyurethane based water waterproofing, that is easy and quick to apply that maintains its elastic form and reacts with the moisture in the air to become cured.

It has high adherence and a diffusion feature. It is durable against UV and frost. Applied quickly and easily.

Area of applications

Satex PU Folie can be used safely on mineral based surfaces, concrete, plaster, alum, metal and wood surfaces. It will provide excellent water proofing on terraces that are exposed to the sun and not used frequently, creek hollows and the edges of chimney bases.

Product Data

The Basics	Polyurethane prepolymer
Color	White, grey
Consistency	Thick liquid
Intensity	About 1.40 gr/ml
When it can be walked on	16 - 24hours At +23°C
Solid Matter Portion	About 90%
Shore Hardness	65 (7 days)
Shrinkage Resistance (DIN 53504)	>5 N/mm ² (7days)
Break Off Elongation (DIN 53504)	600% (7 days)
Chemical Endurance	Acidic and basic solution
Application temperature	Between +10°C and +30°C
Application Method	Short hair roll and spray

Working instructions

The surface should be clean, dry and any grease, dirt or dust should be removed. Any dents and spaces on the surface should be repaired with repair mortars like RMS Fix. The whole surface should be lined with PU Primer. On cracks and critical areas Satex PU Folie should be used with polyester felting. In the liner application a minimum of 5 hours and a maximum of 24 hours should be waited. PU Primer is applied evenly to the surface (200 gr/m²) with a roll or brush. Satex PU Folie that has been waiting at room temperature for 24 hours is mixed with a mixing tip at low speed until the mixture is homogenous.

Application

The prepared material is spread with a short hair roll or suitable sprayer in thin layers to come to 0.5 - 0.6 kg/m² in each layer generously over the surface. In felted applications where there are at least 3 layers with 1.8 - 2.0 kg per m² in the last layer the polyester felt is completely coated with Satex PU Folie. The minimum used should be 2.5 kg. On surfaced that will have a lot of exposure to the sun where Satex PU Folie material is not wanted to turn yellow and also to increase UV endurance a thin layer of Satex PU Top 2K is applied. The protective layer use amount is 120 - 150 gr/m².

Tools and Cleaning

Short hair roll and brush are used. The material is cleaned off the tools with soapy water while still fresh and with PU thinner when dry.

Consumption

Minimum 1.8 - 2.0 kg/m² depending on surface.

Delivery and storage

Satex PU Folie is delivered in 20 kg pail 12 months in conditions between +15°C and +25°C, protected from moisture, water and sun rays, unopened and undamaged in packaging. Store cans head side up.

Notes

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