

SpecFloor PU Flexi SilkMatt

A low viscosity, solvent based, highly flexible, aliphatic polyester polyurethane, pigmented, with additional light stabilizers and adhesion promoters with a silk matt finish for interior and exterior surfaces.

Intended Uses:

SpecFloor PU Flexi SilkMatt is applied to elasticized polyurethane or MMA flooring, EPDM + PU binder flooring, SBR rubber + PU binder flooring, concrete surfaces, or epoxy flooring to create a tough, resilient and UV resistant finish resistant to the rigorous traffic of sport related activities, vehicular traffic, and abrasion.

Properties:

- Highly flexible.
- UV resistant, provides UV protection on UV sensitive surfaces.
- Excellent appearance.
- Easy to apply by mohair roller in 2 layers or by airless spray.
- Excellent adhesion.
- Available in any colour.

Technical Data:

Mixing Ratio (By weight)	4:1 By Volume (A:B) – 80:20
Comp. A	SpecFloor PU Flexi SilkMatt Comp. A
Comp. B	PU Activator 72 AL XL Comp. B
Density Comp. A (Kg/ Lt)	1.58
Density Comp. B (Kg/ Lt)	1.03
Mixed Density (Kg/ Lt)	1.50
Volume Solids Mixed %	65%
Pot Life after Mixing @ 25°C	2 Hours
Minimum Overcoating @ 25°C	6 Hours
Full Cure @ 25°C	24 Hours
Application Temperature °C	10 – 40
Colour	All colours
Consumption	4.3 m ² / Lt @ 150µm DFT (Two coats)
Thickness Required	2 X 75µm coats = 150µm DFT

Typical Exterior System on Concrete:

Primer is applied in 1 to 2 layers to ensure no substrate porosity, 24 hours drying @ 25°C

Layer	Product	Consumption
Primer	Epoxy WB Primer Clear	7 m ² / Lt @ 50µm DFT
Body Coat	SpecFloor PU SL Sports Flooring 115 Beige Comp. A	2.22 Kg/ m ² @ 1.5mm DFT
Topcoat	SpecFloor PU Flexi SilkMatt (2 layers must be applied)	4.3 m ² / Lt @ 150µm DFT (two coats)

Application:

- Component A & B are packed in separate containers in pre-measured weight proportions. Component B should be added to Component A while mixing with low revelation mixer of 300 – 600 RPM for 2 minutes. The sides and bottom of the mixture should be incorporated to ensure a homogeneous mix. Once mixed the material should be used within 120 minutes of mixing @ 25°C.
- Pour the mixture onto the prepared floor and roller using a short mohair roller in 2 crossing layers. Alternatively apply by airless spray.

Surface Preparation:

- Apply on dry surfaces free from any moisture, contamination or any materials that might prevent bonding e.g. dust/debris, loose particles, grease etc.

Storage:

- Shelf Life: 12 months in original un-opened containers in dry places at 25°C. No direct sunlight and temperatures above 30°C or below 5°C

Caution:

The application must take place in well ventilated places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap & water. Refer to material safety data sheet for more information.

Pack Size:

5 Litre