

LOTUS B2 BASE COAT

Product Application:

For optimal results, keep the product at room temperature for 24 hours before application. The base coat should be mixed with a slow-speed mixer or a clean wood/metal stick until the mixture is homogeneous. Proper area preparation is essential; ensure the application area is clean and dry, free from dust, dirt, soil, or grease. Remove any loose chippings and caulk holes with M501 mastic. The product is a single component and is ready for use directly from its packaging.

Structural joints (such as seams between plywood) and surface/wall flashings should be filled with S4 sealant and reinforced with Lotus fabric. The liquid membrane features self-leveling properties, eliminating the need for excessive work. Apply using a roller, squeegee, or quality spray machines (e.g., Graco). For vertical surfaces, use Lotus vertical base coat to prevent sagging.

The product will form a skin after 45 minutes and become completely waterproof. The second layer can be applied after 3-4 hours, and the surface can be walked on during this time. Full curing occurs within 24 hours. For comprehensive systems with warranties exceeding 20 years and for areas subject to pedestrian and vehicular traffic, use Lotus T3 top coat. Note that temperature and humidity conditions will influence curing times; colder weather will require longer curing times. The standard usage for application is as follows: Lotus PR1 Primer: 0.20 kg/m² Lotus B2 Base Coat: 1.20 kg/m²

For powerful usage, the recommendations are: Lotus PR1 Primer: 0.20 kg/m² Lotus B2 Base Coat: 1.70 kg/m²

This coverage is based on application by roller onto a smooth surface under optimal conditions; factors such as surface porosity, temperature, and application method can affect consumption.

Technical Data:

Property	Specification	Unit	Standard Method
Viscosity	1500-3500	cP	ASTM D2196-86, TS 5833, EN ISO 3219
Density	1.43-1.45	g/cm ³	ASTM D1475 / DIN 53217 / ISO 2811
Hardness	55-65	Shore A	ASTM D2240 / DIN 53505 / ISO 868
% Elongation	>500	%	ASTM D412 / EN ISO 527-3
Stress at 100% Elongation	0.80-1.20	MPa	ASTM D412
Final Curing Time	7	days	Conditions: 20°C, 50% RH
Light Pedestrian Traffic Time	18-24	hours	-
Rain Stability Time	3-4	hours	-

Lotus B2 Base Coat contains isocyanates. Refer to the information provided by the manufacturer and study the Safety Data Sheet before use. This product is intended for professional use only. For more information, please visit Lotus B2 Base Coat Technical Data Sheet.



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