

ALSAN RS FLEECE

TECHNICAL DATA SHEET
120510SCAN9E
(supersedes n/a)

DESCRIPTION

ALSAN RS FLEECE is a non-woven, white needle-punched polyester fabric used as fabric reinforcement in **ALSAN RS** two-component cold liquid-applied membrane systems to improve tear strength, puncture resistance, flexural fatigue and crack bridging capabilities while maintaining membrane uniformity.

APPLICATION

MIXING: Mix and apply **ALSAN RS** resin, catalyzed with **ALSAN RS CATALYST**, in strict accordance with **SOPREMA** instructions. Apply mixed resin liberally to the prepared surface with a roller using a broad, even stroke. Roll out dry polyester fleece onto the liquid resin, making sure the **SMOOTH SIDE IS FACING UP** (natural unrolling procedure). The fleece will begin to rapidly saturate the liquid resin. Allow fleece to saturate with resin from bottom up. Using a roller wet with resin, applying light pressure, roll the fleece with a medium nap roller to eliminate air bubbles, wrinkles, etc. Apply additional liquid resin mix on top of fleece until fully saturated and continue to work resin. The correct amount of resin will leave no whitens in fleece or dull appearance on the surface. The surface coating should be smooth and uniform. Refer to individual product data sheets for specific recommendations and requirements for the resin being used.

COVERAGE

ALSAN RS FLEECE Coverage & Dimensions			
Coverage		Dimensions	
Gross Coverage		Fleece Width	Fleece Length
54 m ²	(584 ft ²)	105 cm (41.3 in)	50 m (164 ft)
26 m ²	(283 ft ²)	53 cm (20.7 in)	50 m (164 ft)
17 m ²	(188 ft ²)	35 cm (13.8 in)	50 m (164 ft)
13 m ²	(140 ft ²)	26 cm (10.3 in)	50 m (164 ft)
5 m ²	(55 ft ²)	10 cm (4 in)	50 m (164 ft)

Allow for a minimum 5 cm (2 in) overlap at field and flashing side laps, 10 cm (4 in) overlap at the end laps and a minimum 10 cm (4 in) overlap at the base of the wall and all penetration flashings. Minimum of 5% should be considered for waste.

PROPERTIES

Property	Test method	ALSAN RS FLEECE	
Thickness	-	0.75 - 1.0 mm (30-40 mils)	
Weight	-	100 g/m ² (0.02 lb/pi ²)	
Tensile strength @ break (N/50 mm)	ASTM D-1682	≥ 130 Long.	≥ 150 Transv.
Elongation	ASTM D-1682	≥ 50 % Long.	≥ 70 % Transv.
Tear resistance	ASTM D-1117	> 200 N	
Puncture strength	-	> 240 N	
Water absorption	-	1 %	

(All values are nominal)

PACKAGING

ALSAN RS FLEECE is available in rolls 50 m (164 ft) long and in varying widths.

STORAGE & HANDLING

Always store in a cool and dry location. Store flat to avoid deforming rolls and creasing fabric. For more information, refer to relevant Material Safety Data Sheet (MSDS).

