

ALSAN POLYFLEECE ST

TECHNICAL DATA SHEET 150629SCANF

(supersedes -)



COMPLEMENTARY PRODUCTS

APPLICATIONS

ROOFS

DESCRIPTION

ALSAN POLYFLEECE ST is a non-woven needle-punched polyester fabric used as reinforcement in **R NOVA PLUS** membranes systems.

ALSAN POLYFLEECE ST is designed to improve tear strength and puncture resistance of the resin. Moreover, it improves flexural fatigue and crack bridging capabilities while maintaining membrane uniformity. Its high absorption capability allows to quickly wet into and become encapsulated by **R NOVA PLUS** liquid membrane.

APPLICATION

Apply **R NOVA PLUS** liberally to the prepared surface with a roller using a broad, even stroke. Roll out **ALSAN POLYFLEECE ST** onto the liquid resin. Avoid the formation of wrinkles, voids or fishmouths. Allow fleece to saturate with resin from bottom up. Applying light pressure, roll the fleece wet with resin, to eliminate air bubbles, wrinkles, etc. Apply additional liquid resin on top of fleece until fully saturated. The surface coating should be smooth and uniform.

Allow for 50 mm (2 in) minimum overlap of **R NOVA PLUS** membranes at side laps and minimum 100 mm (4 in) at end laps and other details.

Refer to individual product data sheets for specific recommendations and requirements for the resin being used.

FOR COMPLETE INFORMATION ON PRODUCT APPLICATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

| Specifications | ALSAN POLYFLEECE ST |
|----------------|---|
| Thickness | 1 mm (40 mil) |
| Dimensions | 1m x 91.4 m (39 in x 300 ft) |
| Weight | 66.7 g/m ² (2.7 oz/yd ²) |

PROPERTIES

| Properties | Standards | ALSAN POLYFLEECE ST |
|--------------------------------------|-------------|---------------------------|
| Tensile strength (average) | ASTM D 5034 | 192/246 N (43.2/55.3 lbf) |
| Elongation at break (average), MD/XD | ASTM D 5034 | 19.4/57.6 % |
| Tear strength, MD/XD | ASTM D 1117 | 44/113 N (9.9/25.5 lbf) |
| Bursting Strength | ASTM D 3787 | 310 N (69.8 lbf) |

(All values are nominal)

STORAGE AND HANDLING

ALSAN POLYFLEECE ST must be stored in a cool and dry location and sheltered from inclement weather. Store flat to avoid deforming rolls and creasing fabric.



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