



# ALSAN POLYFLEECE ST

Alsan PolyFleece ST

Order No. L-40300

## DESCRIPTION & APPLICATION

Soprema Alsan PolyFleece ST is flexible, non-woven, spanlaced polyester fabric reinforcement used in Soprema Alsan cold liquid-applied polyurethane reinforced roofing and waterproofing membrane systems to improve tear strength, puncture resistance, flexural fatigue and crack bridging capabilities while maintaining membrane uniformity. Alsan PolyFleece ST can also be utilized for flashing purposes as long as the wall areas are smooth, uniform and require no saw cuts at the top termination.

**STORAGE:**

Shelf life: Indefinite with proper storage. Always store in cool and dry location.

**HANDLING:**

Soprema Alsan Fleece may be disposed of in standard landfills.

**APPLICATION:**

Mix and apply Soprema Alsan resin in strict accordance with Soprema instructions. Apply mixed resin liberally to the prepared surface with a roller using a broad, even stroke. Roll out spanlaced polyester fleece onto the liquid resin, making sure that the roll is unrolling smooth and without any wrinkles or fish mouths. The fleece will begin to rapidly saturate with the liquid resin. Allow the fleece to saturate with resin from bottom up. Using a roller, wet the fleece with resin applying light pressure. Roll the fleece with a medium nap roller to eliminate any air bubbles, wrinkles, etc. Apply additional liquid resin mix on top of fleece until fully saturated and the layer of resin is fully and evenly applied. The coat should be smooth and uniform. The amount of resin applied at the top of the fleece surface should not leave visible whiteness in fleece. Additional finish coat, granules and/or quartz silica aggregate broadcasting may be required if specified.

## TECHNICAL INFORMATION

Fleece width	Fleece length	Gross coverage	Net coverage	Approximate weight
40 in.	300 ft. (98.75m)	1000 sf	1026 sf	25 lbs (11.34 kg)

Allow for 2" minimum overlap at field and flashing membrane side laps, minimum 4" overlap at all end laps and minimum 4" overlap at all flashings and tie-ins.

	ASTM Test Method	ALSAN POLYFLEECE ST	
Color	-	White	
Fiber content	-	100% Polyester	
Yarn content	-	100% Polyester	
Physical state	-	Solid	
Construction	-	Stitch bond	
Weight	-	2.7oz./square yard	
Width	-	40 inches	
Nominal thickness	-	40 mils	
Tensile Strength (lbs)	D 5034	WARP 43.16 lbs	WEFT 55.33 lbs
Elongation @ break (%)	D 5034	WARP 19.43%	WEFT 57.63%
Tear strength (lbs)	D 117	WARP 9.85 lbs	WEFT 25.20 lbs
Ball burst (lbs)	D 3787	69.83 lbs.	