

Sprung 15

Architectural Membrane

The Sprung 15 architectural membrane is backed by our 15-year pro-rata guarantee. An Acrylic topcoat is applied to protect against UV degradation, dirt accumulation and air pollution.

Arctic White Pantone n/a RAL 9003	Storm Gray Pantone 4281C RAL 7035
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- Logos and Graphics can be applied to exterior membrane surface.
- Interstate Image (third party graphic) can be applied to exterior surface.

	Imperial	Metric	Standards
Surface protection	Acrylic/PVDF Topcoat		
Guarantee	15 years (pro-rata)		
HT polyester scrim	2 x 1100 Dtex	2 x 1100 Dtex	
Weight	31 oz/yd. sq ²	1,050 g/m ²	ASTM D4851 ISO 2286-2
Tensile strength (warp/weft)	480/480 lb/in	420/420 daN/5 cm	ISO 1421
Tear resistance (warp/weft)	110/110 lb	50/50 daN	ISO 1421
Adhesion (warp/weft)	13/13 lb/in	11/11 daN/5 cm	DIN 53.363
Low temperatures	-40°F	-40°C	Internal standard
Weld resistance (seam strength)	470 lb/in at 68°F	410 daN/5cm at 20°C	ISO 1421
Weld resistance (seam strength)	390 lb/in at 158°F	340 daN/5cm at 70°C	ISO 1421
Hydrostatic resistance	≥ 275 in of water	≥ 700 cm of water	ISO 811
ASTM Standard			
Strip tensile (warp/weft)	430/430 lb/in		ASTM D751
Grab tensile strength (warp/weft)	630/630 lb		ASTM D751
Trapezoidal shear strength (warp/weft)	68/68 lb		ASTM D751
Adhesion (warp/weft)	15/15 lb/in		ASTM D751
Tongue tear (warp/weft)	160/90 lb		ASTM D751
Flame Retardancy			
Canada			CANULC-S-102 CANULC-S-109
US			California State Fire Marshal NFPA-701 ASTM E84 (Class 'A')
Euroclass			EN 13501-1



*The above color chips are not true and accurate representations of the actual membrane color. Please request a membrane sample prior to ordering.

Sprung 15 Architectural Membrane

- Backed by a 15-year pro-rata guarantee.
- Increased strength characteristics are achieved by tensioning the polyester scrim in both the weft and warp directions during the manufacturing process.

Long-Term Mechanical Life Expectancy

The Sprung 15 Architectural Membrane is made with the use of “précontraint” technology, which strengthens the membrane’s fabric by applying several layers of polymers in both directions (along the warp and the weft) throughout the manufacturing process. This provides superior dimensional stability in the membrane, as well as:

- A smooth exterior surface and lower friction co-efficient, which minimizes dirt and makes the membrane easier to clean.
- Protection against UV rays, pollution and abrasion.
- Minimal stretching or sagging.
- Protection of mechanical characteristics over time.

