Sprung 25 Architectural Membrane

The Sprung 25 architectural membrane is backed by our 25-year pro-rata guarantee. The membrane's longevity is a result of its PVDF CROSSLINK topcoat, which is applied in a high percentage to protect against UV degradation, dirt accumulation and air pollution.

Meadow Green PMS 4180C RAL 6013-7033	Sky Blue PMS 2170C RAL 5024	Storm Gray PMS 4281C RAL 7035	Beach Sand PMS 482C RAL 1013	Ocean Blue PMS 2165C RAL 5014	Carbon Gray PMS 433C RAL7021	Brownstone Red PMS 7609C RAL 8004

- Logos and Graphics can be applied to exterior membrane surface.
- Third party graphics on exterior surface is not supported.

	Imperial	Metric	Standards
Surface protection	PVDF CROSSLINK Topcoat		
Guarantee	**25 years (pro-rata)**		
HT polyester scrim	2 x 1100 Dtex	2 x 1100 Dtex	
Weight	31 oz/sq²	1050 g/m²	ASTM D4851 / ISO 2286-2
Tensile strength (warp/weft)	490/490 lb/in	430/430 daN/5cm	ISO 1421
Tear resistance (warp/weft)	120/110 lb	55/50 daN	ISO 1421
Adhesion (warp/weft)	14/14 lbs/in	12/12 daN/5cm	DIN 53.363
Low temperatures	-67°F	-55°C	Internal standard
Weld resistance (Seam strength)	480 lbs/in at 68°F (part without varnish)	420 daN/5cm at 20°C (part without varnish)	ISO 1421
Weld resistance (Seam strength)	350 lbs/in at 158°F (part without varnish)	305 dN/5cm at 70°C (part without varnish)	ISO 1421
Hydrostatic resistance	≥ 275 in of water	≥700 cm of water	ISO 811
	ASTM Standard		
Strip tensile (warp/weft)	440/440 lbs/in		ASTM D751
Grab tensile strength (warp/weft)	645/645 lb		ASTM D751
Trapezoidal shear strength (warp/weft)	75/68 lb		ASTM D751
Adhesion (warp/weft)	16/16 lbs/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.

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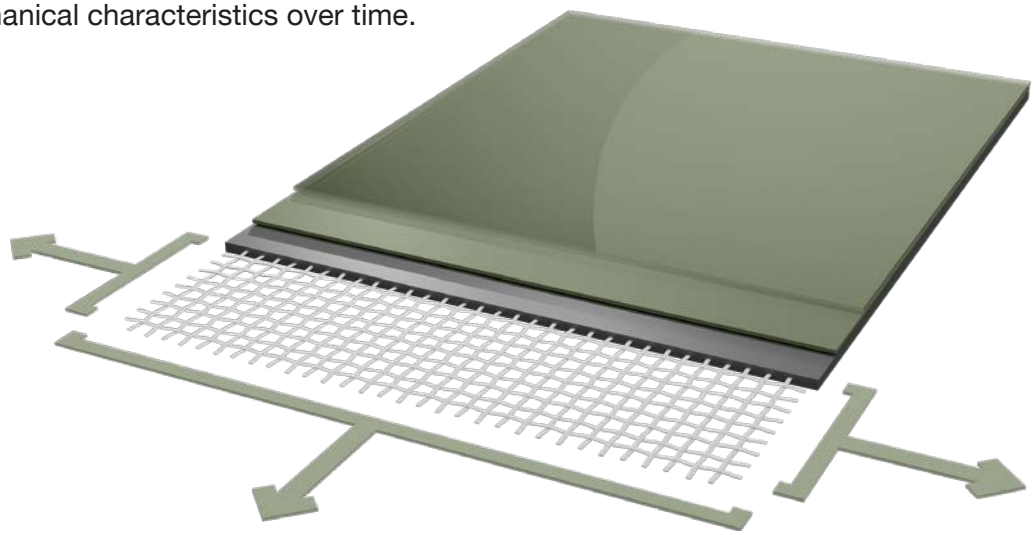
Sprung 25
Architectural Membrane

- Backed by a 25-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.
- Enhanced longevity is a result of the CROSSLINK Topcoat that protects against UV degradation, accumulation of dirt and air pollution.

Long-Term Mechanical Life Expectancy

The Sprung 25 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:

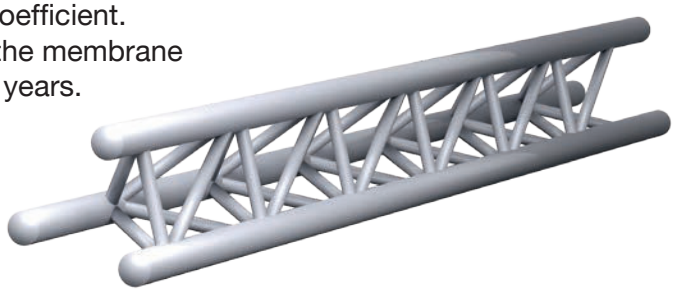
- A smooth exterior surface and lower friction co-efficient, which minimizes dirt and makes the membrane easier to clean.
- Protection against UV rays, pollution and abrasion.
- Minimal stretching or sagging.
- Protection of mechanical characteristics over time.



CROSSLINK Topcoat

The innovative CROSSLINK surface treatment, in combination with the pre-tensioned polyester scrim, provides:

- A smooth exterior surface and lower friction coefficient.
- A long mechanical life expectancy, thanks to the membrane maintaining up to 70% of its strength after 30 years.



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