

Xtrem

TX30-III

Précontraint®



Main advantages

- Proven design life >30 years
- Long lasting & Low maintenance due to TX30 crosslink
- High dimensional stability due to Précontraint® technology

Main applications

- High-end & large roofs
- Stadium roofs & sport hall envelopes
- Static & permanent structures

Mechanical properties

Tensile strength (warp/weft) EN ISO 1421	560/560 daN/5 cm • 1259/1259 lbs/2 in
Tear strength (warp/weft) DIN 53.363	80/65 daN • 180/146 lbs
Adhesion EN ISO 2411	12 daN/5 cm • 27 lbs/2 in

Fire resistance

Rating	NFPA 701 Method 2 — CSFM T19 — AS/NZS 1530.3 — AS/NZS 3837 B-s2,d0/EN 13501-1
--------	---

Dimensions

Weight EN ISO 2286-2	1,050 g/m ² • 31 oz/sq. yd
Thickness EN ISO 5084	0.78 mm • 780 microns
Width	178 cm • 70.1 in
Roll length	220 lm • 240.59 yd

Complementary information

Surface treatment (top/back)	CROSSLINK PVDF/PVDF
Micro organism resistance EN ISO 846 Method A	Degree 0, excellent
Assembly	Weldable after abrasion
Yarn	High tenacity Polyester 1100/1670 Dtex - Low wick treatment for anticapillarity
Elongation 24 h -10 daN/5 cm (warp/weft) EN 15977	<1% / <1%
Residual elongation EN 15977	<0.4% / <0.4%

Thermal, optical and acoustic values

Heat transfer coefficient (vertical/horizontal) Calculated	U=5.6 / 6.4 W/sqm/°C
Visible light Transmittance (Tv) NFP 38511	12.5%
Visible light Transmittance (Tv) EN 410	7.5%
Visible light Reflexion (Rv) EN 410	84%
Solar Transmittance (Ts) EN 410	10%
Solar Reflexion (Rs) EN 410	75%
Solar factor (g) EN 410	13%
UV transmittance EN 410	0%
Solar Reflectance Index (SRI) ASTM E1980-01 (Approach II)	>95%
Acoustic weakening index ISO 140-3 & ISO 717-1	14 dBA

Management systems

Quality: ISO 9001 • **Environment:** ISO 14001 • **Energy:** ISO 50001

Certifications, labels, warranty

Précontraint® Technology

20-year warranty



¹ Summarizes the group's CSR project focused on human, to align economic performance and positive impact.

Mechanical properties are average values with a +/-5% tolerance, variance of +/-10% for weight given.

The purchaser of our products is responsible for their application or transformation in relation to possible third party rights. The purchaser of our products is responsible for their installation in compliance with the standards, working practices and safety regulations of their destination country. Please refer to our warranty document with regard to contractual liability.

Values quoted in this document are commonly used test results for design purposes. They are given for information only in order to offer our customers optimum usage of our products. Our products are subject to improvements resulting from technical developments and we reserve the right to modify their characteristics at any time. The purchaser of our products is responsible for checking the above data.

The colours and textures presented are included for information only.