Serge Ferrari
architecture

Tenseo

Xtrem
TX30-II
Précontraint®

Translucent White

TX30-II-3000

Tenseo Xtrem TX30-II

Long term service life and durable aesthetics for demanding translucent roofs

Main advantages

- Proven design life >30 years
- Durability clean & easy maintenance
- 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	430/430 daN/5 cm • 967/967 lbs/2 in
Tear strength (warp/weft) DIN 53.363	55/50 daN • 124/112 lbs
Adhesion EN ISO 2411	12 daN/5 cm • 27 lbs/2 in
	Fire resistance
Rating - International fire certificate available, such as*	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	1050 g/m² • 31 oz/sq. yd
Thickness EN ISO 5084	0.78 mm • 780 microns
Width	178 cm • 70.1 in
Roll length	250 lm • 273.40 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 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	13%
Visible light Transmittance (Tv) EN 410	8%
Visible light Reflexion (Rv) EN 410	84%
Solar Transmittance (Ts) EN 410	10%
Solar Reflexion (Rs) EN 410	75%
Solar factor (g) EN 410	14%
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

***** Contact us for latest certificate updates & validities

[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.

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Serge Ferrari group

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