Serge Ferrari
architecture

Tenseo



Translucent White **1502-8626 S2**

Tenseo Advanced 1502 S2

Longevity and easy maintenance

Main advantages

- Long lasting and low maintenance
- Controled color per translucency (VISU service)
- High dimensional stability due to Précontraint® technology

Main applications

- Covered outdoors
- Sport hall roofs
- Shading structures

	Mechanical properties
Tensile strength (warp/weft) EN ISO 1421	1,000/800 daN/5 cm • 2,248/1,798 lbs/2 in
Tear strength (warp/weft) DIN 53.363	160/140 daN • 360/315 lbs
Adhesion EN ISO 2411	15 daN/5 cm • 34 lbs/2 in
	Fire resistance
Rating - International fire certificate available, such as*	CSFM T19 **C-s2,d0**/EN 13501-1
	Dimensions
Weight EN ISO 2286-2	1,500 g/m² • 44.2 oz/sq. yd
Thickness EN ISO 5084	1.14 mm • 1,140 microns
Width	180 cm • 70.9 in
Roll length	200 lm • 218.72 yds
	Complementary information
Surface treatment (top/back)	S2 architectural varnish / PVDF
Yarn	High tenacity Polyester 1670/2200 Dtex - Low wick treatment for anticapillarity
Elongation 24 h -10 daN/5 cm (warp/weft) EN 15977	<1.2% / <1.2%
Residual elongation EN 15977	<0.5% / <0.5%
	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	7%
Visible light Transmittance (Tv) EN 410	3%
Visible light Reflexion (Rv) EN 410	89%
Solar Transmittance (Ts) EN 410	4%
Solar Reflexion (Rs) EN 410	81%
Solar factor (g) EN 410	8%
UV transmittance EN 410	0%
Solar Reflectance Index (SRI) ASTM E1980-01 (Approach II)	>95%
Acoustic weakening index ISO 140-3 & ISO 717-1	16 dBA
	Management systems
	Quality: ISO 9001 • **Environment**: ISO 14001 • **Energy**: ISO 50001
	Certifications, labels, warranty

Précontraint® Technology | 15-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

BUITINK TECHNOLOGY Advanced Lightweight Structures

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Ref. CT-00870 • 02/2025 • PDF only

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