Tenseo Advanced 1002 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	420/400 daN/5 cm • 480/450 lbs/2 in
Tear strength (warp/weft) DIN 53.363	55/50 daN • 80/75 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 — AS/NZS 3837 — AS/NZS 1530.3 — CSFM T19 **B-s2,d0**/EN 13501-1
	Dimensions
Weight EN ISO 2286-2	1,050 g/m² • 31 oz/sq. yd
Thickness EN ISO 5084	0.78 mm • 780 microns
Width	267 cm • 105.1 in
Roll length	175 lm • 191.38 yds
	Complementary information
Surface treatment (top/back)	S2 architectural varnish / PVDF
Yarn	High tenacity Polyester 1100 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	8%
Visible light Transmittance (Tv) EN 410	4%
Visible light Reflexion (Rv) EN 410	90%
Solar Transmittance (Ts) EN 410	6%
Solar Reflexion (Rs) EN 410	81%
Solar factor (g) EN 410	9.5%
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 | 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.

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.

Serge Ferrari group

sergeferrarigroup.com

Tenseo and Précontraint are Serge Ferrari SAS registered trademarks.
Ref. CT-00867 • 02/2025 • PDF only

EN

Photo credits: Académie militaire Mknes - Maroc - ©SergeFerrari