

Edition

**Opaque
Dualtone
Précontraint®**



Tenseo Edition Opaque Dualtone

Standards colors of 702 Opaque Dualtone only



Bright red/Bright blue

BR BB



Bright blue/Bright blue

BB BB



Dark yellow/Bright blue

DY BB



White Opaque/Bright blue

WO BB



Bright red/Bright blue

BR BB

Possible colors combination (top side/back side)

Other colors shall be validated



White Opaque WO



Dark yellow DY



Light green GR



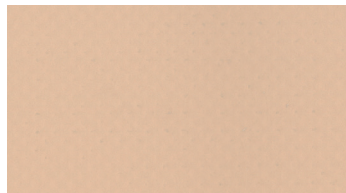
Champagne CH



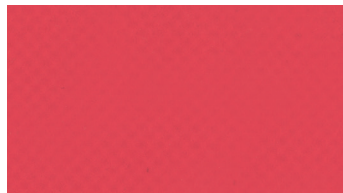
Bright red BR



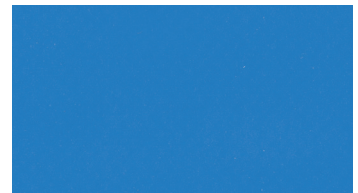
Medium green MR



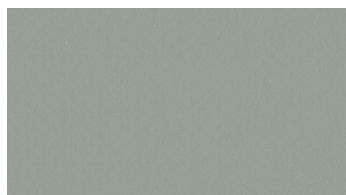
Sand SA



Pink PI



Light blue LB



Light grey LG



Cyclamen CY



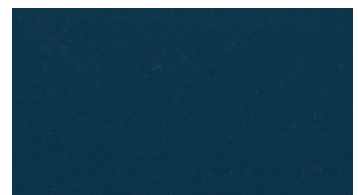
Bright blue BB



Black NR



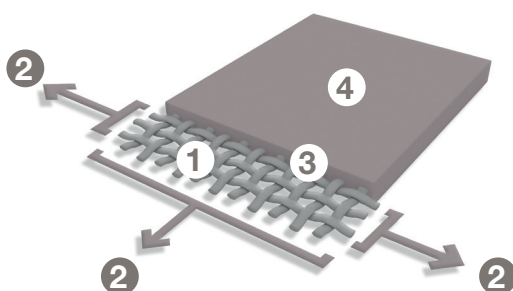
Burgundy BU



Dark blue DB

Exclusive Précontraint® technology

This unique, world-patented technology involves maintaining the composite in bi-axial tension throughout the manufacturing cycle. It ensures our materials' exceptional performance characteristics, which ensure they exceed market standards in terms of long-term stability, strength, coating thickness and flatness.



1	High-tenacity polyester micro-yarn reinforcing mesh	Higher resistance to elongation and tearing
2	Coating under bi-axial, warp and weft tension	No deformation during installation and usage
3	Coating thickness covering top of yarns and dirt repellent surface treatment	Enhanced aesthetic and structural durability
4	Extremely flat and thin	Easy-to-clean smooth surface ensuring compactness and easy rolling

Tenseo Edition Opaque Dualtone


Opaque and UV-resistant membranes

Main advantages

- Excellent opacity
- UV resistant colors
- Durable mechanical résistance & low elongation

Main applications

- Arena
- Permanent or temporary building
- Circus tent

Tenseo Edition Opaque Dualtone				
	702	1002	1202	1502
Mechanical properties				
Tensile strength (warp/weft) EN ISO 1421	280/280 daN/5 cm 629/629 lbs/2 in	420/400 daN/5 cm 944/899 lbs/2 in	560/560 daN/5 cm 1,259/1,259 lbs/2 in	1,000/800 daN/5 cm 2,248/1,798 lbs/2 in
Tear strength (warp/weft) DIN 53.363	30/28 daN 67/63 lbs	55/50 daN 124/112 lbs	80/65 daN 180/146 lbs	160/140 daN 360/315 lbs
Adhesion EN ISO 2411	10 daN/5 cm 22 lbs/2 in	12 daN/5 cm 27 lbs/2 in	12 daN/5 cm 27 lbs/2 in	15 daN/5 cm 34 lbs/2 in
Fire resistance				
Rating - International fire certificate available, such as*	NFPA 701 Method 1 B-s2,d0 /EN 13501-1	NFPA 701 Method 1 B-s2,d0 /EN 13501-1	NFPA 701 Method 1 C-s2,d0 /EN 13501-1	CSFM T19 C-s2,d0 /EN 13501-1
Dimensions				
Weight EN ISO 2286-2	830 g/m ² 24.5 oz/sq. yd	1,050 g/m ² 31 oz/sq. yd	1,150 g/m ² 33.9 oz/sq. yd	1,500 g/m ² 44.2 oz/sq. yd
Width	180 cm • 70.9 in			
Roll length	250 lm • 273.40 yd			200 lm • 218.72 yd
Complementary information				
Surface treatment (top/back)	Two-sided vanish			
Yarn	High tenacity Polyester			
Elongation under load - 10 daN/5 cm (warp/weft) EN 15619 Tents	<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	U=5.6 / 6.4 W/sqm/°C	U=5.6 / 6.4 W/sqm/°C	U=5.6 / 6.4 W/sqm/°C
Visible light Transmittance (Tv) EN 410	0%	0%	0%	0%
Acoustic weakening index ISO 140-3 & ISO 717-1	12 dBA	14 dBA	14 dBA	16 dBA
Management systems				
	Quality: ISO 9001 • Environment: ISO 14001 • Energy: ISO 50001			
Certifications, labels, warranty				
	Précontraint® Technology	5-year warranty for dismantlable buildings 7-year warranty for permanent and static buildings (702) 10-year warranty for permanent and static buildings (1002-1202-1502)		

* 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 +/-10% 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.