Serge Ferrari
architecture

Tenseo

Edition

912 S2

Précontraint®



Translucent white 912-8100 S2

Beige Sand 912-8861 S2

Tenseo
Edition 912 S2

Provide consistent & reliable performances for shading structures

Main advantages

- Dimensional stability due to Précontraint® technology
- Low wick treatment
- Low maintenance

Main applications

- Car parks
- Shading membranes
- Lightweight structures

	Mechanical properties
Tensile strength (warp/weft) EN ISO 1421	420/400 daN/5 cm • 944/899 lbs/2 in
Tear strength (warp/weft) DIN 53.363	55/50 daN • 124/112 lbs
Adhesion EN ISO 2411	11 daN/5 cm • 25 lbs/2 in
	Fire resistance
Rating - International fire certificate available, such as*	**B1**/DIN 4102-1
	Dimensions
Weight EN ISO 2286-2	900 g/m² • 26.5 oz/yd. sq
Width	267 cm • 105.1 in
Roll length	210 lm • 229.66 yds
	Complementary information
Surface treatment (top)	S2 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 for 912-8100 S2 (White)
Heat transfer coefficient (vertical/horizontal) Calculated	U=5.6 / 6.4 W/sqm/°C
Visible light Transmittance (Tv) EN 410	5.5%
Visible light Reflexion (Rv) EN 410	94%
Solar Transmittance (Ts) EN 410	6.5%
Solar Reflexion (Rs) EN 410	83%
Solar factor (g) EN 410	9.5%
UV transmittance EN 410	0%
Solar Reflectance Index (SRI) ASTM E1980-01 (Approach II)	>85%
Acoustic weakening index ISO 140-3 & ISO 717-1	12 dBA
	Management systems
	Quality: ISO 9001 • **Environment**: ISO 14001 • **Energy**: ISO 50001
	Certifications, labels, warranty

Précontraint® Technology | 12-year warranty | CShR[1]

***** 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.

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Serge Ferrari group

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