

Flexlight

Perform 1212 S2

Applications

Covered entrances & walkways
Large shading structures



Consistency & Reliability

Provide consistent & reliable performances for shading structures

Advantages

- Dimensional stability due to Précontraint® technology
- Low wick treatment
- Low maintenance
- Lightweight & recyclable via Taxyloop process

	■ Technical properties	Standards
Surface treatment (top)	S2 PVDF	
Yarn	Anticapillarity Low wick High tenacity Polyester 1100 Dtex	
Weight	950 g/sqm	EN ISO 2286-2
Width	267 cm	(+1mm /-1mm)
Tensile strength (warp/weft)	560/560 daN/5cm	EN ISO 1421
Tear resistance (warp/weft)	80/65 daN	DIN 53.363
Adhesion	11 daN/5cm	EN ISO 2411

The technical data here above are average values with +/-5% tolerance

	■ Flame retardancy	
Rating	B1/DIN 4102-1	

Additional Information (indicative)

	■ Dimensional stability	
Elongation 24h -10daN/5cm (warp/weft)	<1.2% / <1.2%	EN 15977
Residual elongation	<0.5% / <0.5%	EN 15977

	■ Thermal and Acoustic performances	
Thermal conductivity (vertical/horizontal)	ca. U=5.6 / 6.4 W/sqm/°C	Calculated
Acoustic Weakening index	ca. 12dBA	ISO 717-1

	■ Solar optical values 1212 S2 8100 white	
Visible light Transmittance (Tv)	6%	
Visible light Reflexion (Rv)	92%	
Solar Transmittance (Ts)	7%	EN 410
Solar Reflexion (Rs)	82%	
Solar factor (g)	10%	
UV transmittance	0%	
Solar Reflectance Index (SRI)	> 85%	SSc 7.2/SSc 7.1 (Roof/Non Roof)

	■ Management systems	
Quality in conformity with		ISO 9001
Environmental communication in conformity with		ISO 14021

	■ Certifications, labels, recycling capacity	



**Precontraint®
technology**

This values here above are given as an indication. Our products are subject to changes prompted by technological developments. We reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data.
Please refer to the text of our warranty. The warranty is valid only after confirmation on case-by-case basis of warranty application. The warranty will not apply to mobile structures.