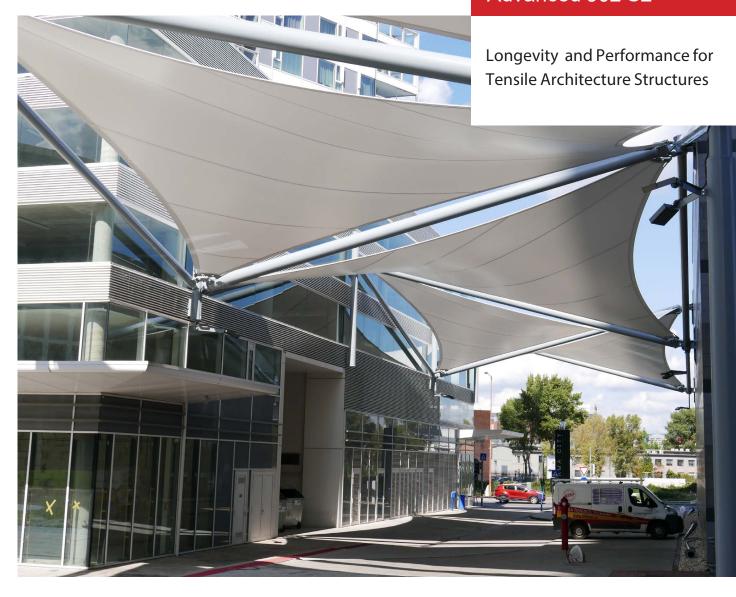


Precontraint Advanced 902 S2





Precontraint

Advanced 902 S2

Main applications

- Covered outdoors
- Sport hall roofs
- Shading structures

Major advantages

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

Technical specifications		Standards
Surface treatment (top/back)	S2 PVDF / PVDF	
Yarn	High tenacity Polyester 1100 Dtex Low wick treatment for anticapillarity	
Weight	950 g/m ²	EN ISO 2286-2
Width	267 cm	
	■ Physical properties	
Tensile strength (warp/weft)	420 / 400 daN/5 cm	EN ISO 1421
Tear resistance (warp/weft)	55 / 50 daN	DIN 53.363
Adhesion	12 daN/5 cm	EN ISO 2411

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

Flame retardancy

Euroclass	B-s2,d0	EN 13501-1
DIN standard	B1	DIN 4102-1

0.72 mm

< 1.2% / < 1.2%

> Other fire certificates available on demand

Elongation 24 h -10 daN/5 cm (warp/weft)

Thickness and dimensional stability

Residual elongation	< 0.5% / < 0.5%	EN 15977
■ Ther	mal and acoustic performances	
Heat transfer coefficient (vertical/horizontal)	U = 5.6 / 6.4 W / sqm / °C	Calculated
Acoustic weakening index	13 dBA	ISO 140-3 & ISO 717-1
■Sola	r optical values	
Visible light Transmitten on (T.)	9%	NFP 38511
Visible light Transmittance (Tv)	5 %	EN 410
Visible light Reflexion (Rv)	87%	EN 410
Solar Transmittance (Ts)	7%	
Solar Reflexion (Rs)	79%	
Solar factor (g)	12.5%	
UV transmittance	0%	
Solar Reflectance Index (SRI)	99%	ASTM E1980-01 (Approach II)

Certifications, labels, guarantees, recycling

ISO 9001 ISO 14001

Thickness



Precontraint technology

15-year warranty **CSR and LEED reports** available on request

EN 15977

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