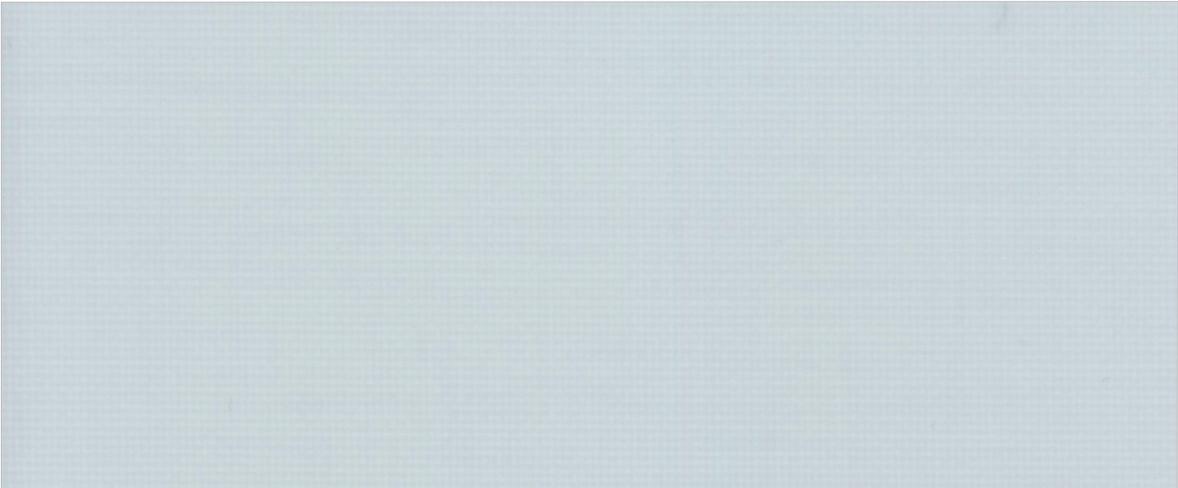


Advanced
1002 S2 HTL
Précontraint®



Highly translucent white

1002-3399 S2

Main advantages

- Long lasting and low maintenance
- Controlled 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 | 430/430 daN/5 cm • 967/967 lbs/2 in |
| Tear strength (warp/weft) DIN 53.363 | 55/50 daN • 124/112 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/m ² • 31 oz/yd ² |
| Thickness EN ISO 5084 | 0.78 mm • 780 microns |
| Width | 178 cm • 78.08 in |
| Roll length | 250 lm • 273.40 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 | 24% |
| Visible light Transmittance (Tv) EN 410 | 16% |
| Visible light Reflexion (Rv) EN 410 | 64% |
| Solar Transmittance (Ts) EN 410 | 19% |
| Solar Reflexion (Rs) EN 410 | 63% |
| Solar factor (g) EN 410 | 24% |
| UV transmittance EN 410 | 0% |
| Solar Reflectance Index (SRI) SSc 7.2/SSc 7.1 (Roof/Non Roof) | >78% |
| 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

12-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.

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