

832 S2



Flexlight 832 S2

Durable and highly resistant membrane

Main advantages

- Exceptional dimensional stability due to Précontraint® technology
- Excellent UV resistance
- High coating thickness for higher abrasion resistance
- Low wick treatment (translucent)
- The best anticapilarity treatment for a beautiful long lasting white
- Fluorinated varnish to maintain the initial clean appearance for an extended period

Main applications

- Halls

Greenguard certification

The Greenguard Environmental Institute (GEI) has established standards to define products and processes with low chemical and particle emissions for use indoors. All certified products must meet stringent chemical emissions standards based on established criteria from key public health agencies. Greenguard Certification is broadly recognized and accepted by sustainable building programs and building codes worldwide.



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Translucent _____

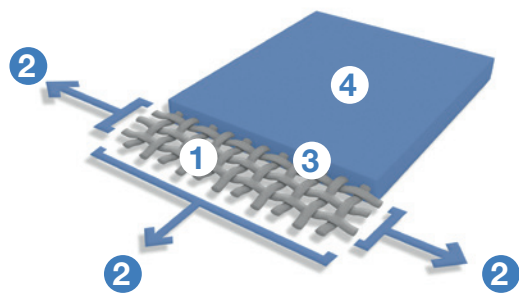


White

832-8604S2

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

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Technical specifications	
Yarn type	PES High tenacity
Yarn treatment	Low wick treatment
Coating	Antifungal-treated high-performance PVC
Finish	Formula S2 fluorinated varnish weldable /Acrylic back side
Weight EN ISO 2286-2	850 g/m² • 25.1 oz/sq. yd
Width	270 cm • 106.3 in
Length of rolls	50 lm - 350 lm • 54.68 yd - 382.76 yd
Physical properties	
Tensile strength (warp/weft) EN ISO 1421	420/420 daN/5 cm • 944/944 lbs/2 in
Tear strength (warp/weft) DIN 53.363	50/50 daN • 112/112 lbs
Elongation under load (warp/weft)	<1% / <1%
Adhesion EN ISO 2411	11/11 daN/5 cm • 25/25 lbs/2 in
Extreme working temperatures	-30°C/+70°C • -22°F/+158°F - In static position internal test
Solar transmission NFP 38-511	7%
Fire resistance	
Rating	B-s2,d0 /EN 13501-1 Method 2 /NFPA 701 CSFM T19 B1 /DIN 4102-1 BS 7837 Schwerbrennbar-Q1-Tr1 /ONORM A 3800 SIS 650082 (ETA) AS/NZS 1530.2 & 3 T2 /EN 15619 CAN/ULC S109
CO ₂ impact (kg CO ₂ eq./m²)	
EN15804+A1	4.49
Management system	
Quality: ISO 9001 • Environment: ISO 14001 • Energy: ISO 50001	
Certifications, labels, warranty	

Précontraint® Technology

10-year warranty









¹ Summarizes the group's CSR project focused on human, to align economic performance and positive impact.

The technical data above are averaged values with a +/-5% tolerance.

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 colors and textures presented are included for information only.