

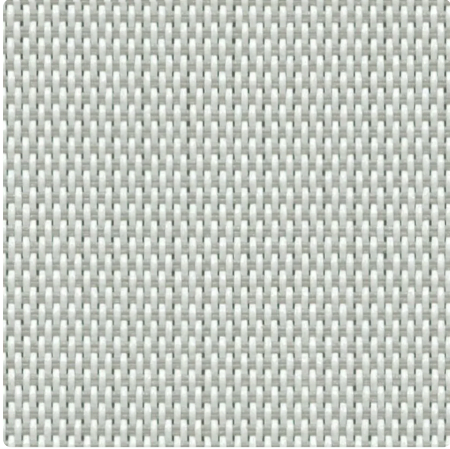
MERMET

ESSENTIALS

M-SCREEN 3

Fabric that combines visual and thermal comfort

COLOUR 00020007 White Pearl



WIDTH(S)	200, 250, 320 cm
DENSITY	3%
VISUAL COMFORT - WHITE PEARL	
Glare control	1
View through	1
Privacy	2
Daylight	2
THERMAL COMFORT WITH GLAZING F	
Class interior	1
THERMAL AND VISUAL PROPERTIES	
Solar Reflectance Rs	53,2%
Solar Transmittance Ts	14,3%
Interior g-tot - Glazing F	0,360
Visual Transmittance Tv	0,127
Diffuse Visual Transmittance Tv _{n-dif}	0,105
Direct Visual Transmittance Tv _{n-n}	0,023

ABOUT THIS RANGE



Discover our top-rated interior solar shading fabrics: Unmatched quality, proven performance, and widely acclaimed as the most popular choice. Elevate your space with superior solutions!

M-SCREEN 3

- ✓ Good glare control with dark colours
- ✓ 2 other densities for tailored solar shading based on building orientation
- ✓ Blackout solution available with Kibo
- ✓ Extra wide width (320 cm)
- ✓ Economical: 3 width sizes to reduce waste in the manufacturing of fabric panels

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	36% Fibreglass - 64% PVC	
Weaving pattern	Natté 1x2	
Width(s)	200, 250, 320 cm	
Roll length (nominal)	Rolls of 33 lm	
Surface mass (weight)	415 g/m ² ± 5%	ISO 2286-2
Thickness	0.4 mm ± 5%	ISO 2286-3
Colour fastness to artificial light (scale of 8)	≥ 7/8 (white not graded)	ISO 105 B02
Acoustic properties (αw)	0.42	ISO 10534-2

MECHANICAL PROPERTIES

	Average value	Standard
Breaking strength - Warp	>130 daN/5 cm	ISO 1421
Breaking strength - Weft	>150 daN/5 cm	ISO 1421
Elongation at break - Warp	<5%	ISO 1421
Elongation at break - Weft	<5%	ISO 1421
Tear strength - Warp	≥5 daN	ISO 4674-1 method 2
Tear strength - Weft	≥4 daN	ISO 4674-1 method 2

FIRE CERTIFICATES

		Standard
European Union - Spain	Class 1	EN 13773
France	M1	NF P 92-507
Germany	B1	DIN 4102-1
Italy	Classe Uno	UNI 9177
United Kingdom	Class 0	BS 476 part 6 & 7
United States	FR	NFPA 701

THERMAL AND VISUAL PROPERTIES

Thermal properties

Solar Transmittance Ts (%)	14,3
Solar Reflectance Rs (%)	53,2
Solar Absorptance As (%)	32,5

Visual properties

Direct Visual Transmittance Tv _{n-n}	0,023
Diffuse Visual Transmittance Tv _{n-dif}	0,105
Diffuse Hemispherical Transmittance Tv _{dif-h}	0,110
Visual Transmittance Tv	0,127
Daylight	2
Glare control	1
Privacy	2
View through	1
UV Protection (Suv Class)	3

Thermal factors	Average value	Class
G _{tot} Glazing F	0,360	1
G _{tot} Glazing G	0,168	2
G _{tot} Glazing H	0,315	2

HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Reach compliant



Printable



Lead free



Antibacterial



Fire retardant



Made in EU



Greenguard Gold