

MERMET

ESSENTIALS

M-SCREEN 1

High density fabric to optimise glare control

COLOUR 00030009 Black Apricot



WIDTH(S)	200, 250, 320 cm
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DENSITY	1%
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VISUAL COMFORT - BLACK APRICOT

Glare control	4
View through	2
Privacy	2
Daylight	0

THERMAL COMFORT WITH GLAZING F

Class interior

THERMAL AND VISUAL PROPERTIES

Solar Reflectance Rs	11,2%
Solar Transmittance Ts	1,5%
Interior g-tot - Glazing F	0,558
Visual Transmittance Tv	0,011
Diffuse Visual Transmittance Tv _{n-dif}	0,004
Direct Visual Transmittance Tv _{n-n}	0,008

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 1

- ✓ Excellent glare control for very good visual comfort
- ✓ Optimum thermal comfort with light colours
- ✓ 2 other densities for tailored solar shading based on building orientation
- ✓ Blackout solution available with Kibo
- ✓ Economical: 3 width sizes (up to 320cm) 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)	440 g/m ² ± 5%	ISO 2286-2
Thickness	0.5 mm ± 5%	ISO 2286-3
Colour fastness to artificial light (scale of 8)	≥ 7/8 (white not graded)	ISO 105 B02
Acoustic properties (αw)	0.56	ISO 10534-2

MECHANICAL PROPERTIES

	Average value	Standard
Breaking strength - Warp	>150 daN/5 cm	ISO 1421
Breaking strength - Weft	>140 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 (%)	1,5
Solar Reflectance Rs (%)	11,2
Solar Absorptance As (%)	87,4

Visual properties

Direct Visual Transmittance Tv _{n-n}	0,008
Diffuse Visual Transmittance Tv _{n-dif}	0,004
Diffuse Hemispherical Transmittance Tv _{dif-h}	0,009
Visual Transmittance Tv	0,011
Daylight	0
Glare control	4
Privacy	2
View through	2
UV Protection (Suv Class)	4

Thermal factors	Average value	Class
G _{tot} Glazing F	0,558	0
G _{tot} Glazing G	0,291	2
G _{tot} Glazing H	0,471	1

HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Reach compliant



Printable



Lead free



Antibacterial



Fire retardant



Made in EU



Greenguard Gold