

# MERMET

## ESSENTIALS

# SCREEN VISION 10

Open basket weave designed for maximum transparency

**COLOUR** 00030003 Black



<b>WIDTH(S)</b>	200, 250, 320 cm
<b>DENSITY</b>	10%
<b>VISUAL COMFORT - BLACK</b>	
Glare control	0
View through	4
Privacy	0
Daylight	1
<b>THERMAL COMFORT WITH GLAZING F</b>	
Class interior	
<b>THERMAL AND VISUAL PROPERTIES</b>	
Solar Reflectance Rs	4,8%
Solar Transmittance Ts	12,2%
Interior g-tot - Glazing F	0,590
Visual Transmittance Tv	0,121
Diffuse Visual Transmittance Tvn-dif	0,006
Direct Visual Transmittance Tvn-n	0,115

# 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!

## SCREEN VISION 10

- ✓ Optimum control of incoming natural light: energy savings on artificial lighting
- ✓ Thermal comfort
- ✓ 3 other densities to enhance solar shading based on building orientation
- ✓ 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 2x2	
Width(s)	200, 250, 320 cm	
Roll length (nominal)	Rolls of 33 lm	
Surface mass (weight)	350 g/m <sup>2</sup> ± 5%	ISO 2286-2
Thickness	0.45 mm ± 5%	ISO 2286-3
Colour fastness to artificial light (scale of 8)	≥ 7/8 (white not graded)	ISO 105 B02
Acoustic properties (αw)	0.12	ISO 10534-2

## MECHANICAL PROPERTIES

	Average value	Standard
Breaking strength - Warp	>140 daN/5 cm	ISO 1421
Breaking strength - Weft	>110 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	≥3 daN	ISO 4674-1 method 2

# FIRE CERTIFICATES

		Standard
France	M1	NF P 92-507
Germany	B1	DIN 4102-1
Italy	Classe Uno	UNI 9177
Railway Risk level R1	HL3	EN 45545-2
United Kingdom	Class 0	BS 476 part 6 & 7
United Kingdom	Type B	BS 5867 part 2
United States	FR	NFPA 701

# THERMAL AND VISUAL PROPERTIES

## Thermal properties

Solar Transmittance Ts (%)	12,2
Solar Reflectance Rs (%)	4,8
Solar Absorptance As (%)	83,0

## Visual properties

Direct Visual Transmittance Tv <sub>n-n</sub>	0,115
Diffuse Visual Transmittance Tv <sub>n-dif</sub>	0,006
Diffuse Hemispherical Transmittance Tv <sub>dif-h</sub>	0,091
Visual Transmittance Tv	0,121
Daylight	1
Glare control	0
Privacy	0
View through	4
UV Protection (Suv Class)	0

## Thermal factors

	Average value	Class
G <sub>tot</sub> Glazing F	0,590	0
G <sub>tot</sub> Glazing G	0,309	2
G <sub>tot</sub> Glazing H	0,495	1

# HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Reach compliant



Printable



Lead free



Antibacterial



Fire retardant



Made in EU



Greenguard Gold