

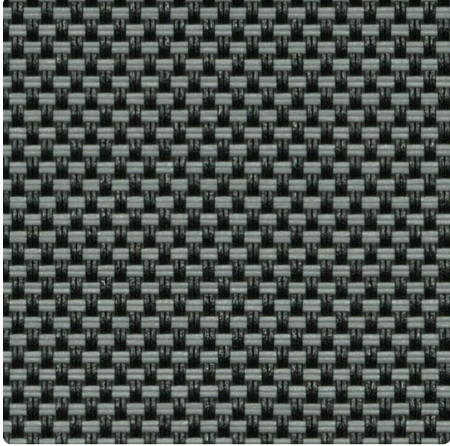
# MERMET

## ESSENTIALS

# PANAMA PRO 5

Basket weave fabric combining visual comfort with transparency

**COLOUR** 00030007 Black Pearl



<b>WIDTH(S)</b>	250, 310, 8.9, 12.7 cm
<b>DENSITY</b>	5%
<b>VISUAL COMFORT - BLACK PEARL</b>	
Glare control	0
View through	3
Privacy	1
Daylight	1
<b>THERMAL COMFORT WITH GLAZING F</b>	
Class interior	
<b>THERMAL AND VISUAL PROPERTIES</b>	
Solar Reflectance Rs	13,7%
Solar Transmittance Ts	7,8%
Interior g-tot - Glazing F	0,550
Visual Transmittance Tv	0,075
Diffuse Visual Transmittance Tvn-dif	0,010
Direct Visual Transmittance Tvn-n	0,066

# 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!

## PANAMA PRO 5

- ✓ Medium density to balance light filtering and view through
- ✓ Lightweight for easy handling
- ✓ 3 other densities for the ideal combination of glare control, daylight harvesting and transparency
- ✓ Light colours for heat rejection
- ✓ Good FR class, sufficient for most requirements

# TECHNICAL DATA

## GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	36% Fibreglass - 64% PVC	
Weaving pattern	Natté 2x2	
Width(s)	250, 310, 8.9, 12.7 cm	
Roll length (nominal)	Rolls of 30 lm	
Surface mass (weight)	393 g/m <sup>2</sup> ± 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

## MECHANICAL PROPERTIES

	Average value	Standard
Breaking strength - Warp	>200 daN/5 cm	ISO 1421
Breaking strength - Weft	>220 daN/5 cm	ISO 1421
Elongation at break - Warp	<5%	ISO 1421
Elongation at break - Weft	<5%	ISO 1421
Tear strength - Warp	≥8 daN	ISO 4674-1 method 2
Tear strength - Weft	≥8 daN	ISO 4674-1 method 2

# FIRE CERTIFICATES

		Standard
European Union - Spain	Class 1	EN 13773
France	M2	NF P 92-507
United States	FR	NFPA 701

## THERMAL AND VISUAL PROPERTIES

### Thermal properties

Solar Transmittance Ts (%)	7,8
Solar Reflectance Rs (%)	13,7
Solar Absorptance As (%)	78,5

### Visual properties

Direct Visual Transmittance Tv <sub>n-n</sub>	0,066
Diffuse Visual Transmittance Tv <sub>n-dif</sub>	0,010
Diffuse Hemispherical Transmittance Tv <sub>dif-h</sub>	0,057
Visual Transmittance Tv	0,075
Daylight	1
Glare control	0
Privacy	1
View through	3
UV Protection (Suv Class)	2

Thermal factors	Average value	Class
G <sub>tot</sub> Glazing F	0,550	0
G <sub>tot</sub> Glazing G	0,280	2
G <sub>tot</sub> Glazing H	0,460	1

## HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Reach compliant



Printable



Lead free



Antibacterial



Fire retardant



Made in EU



Greenguard Gold