

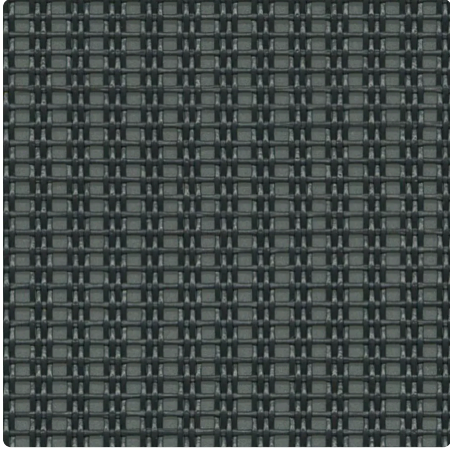
# MERMET

## BASICS

# SHADOW 24

Very open-weave fabric approved for the automotive industry

**COLOUR** 00030003 Black



<b>WIDTH(S)</b>	250, 320 cm
<b>DENSITY</b>	24%
<b>VISUAL COMFORT - BLACK</b>	
Glare control	0
View through	4
Privacy	0
Daylight	2
<b>THERMAL COMFORT WITH GLAZING F</b>	
Class interior	
<b>THERMAL AND VISUAL PROPERTIES</b>	
Solar Reflectance Rs	4,7%
Solar Transmittance Ts	21,6%
Interior g-tot - Glazing F	0,600
Visual Transmittance Tv	0,218
Diffuse Visual Transmittance Tvn-dif	0,006
Direct Visual Transmittance Tvn-n	0,211

# ABOUT THIS RANGE



Explore our basic solar shading fabrics - where good performance meets affordability. Achieve practicality without compromising quality. Enhance your space with cost-effective solutions tailored for reliable behaviour.

## SHADOW 24

- ✓ PVC makes it easy to clean, especially crucial in public transportation
- ✓ Budget-wise choice: cost-effective option
- ✓ Adaptable width to suit customer requirements
- ✓ Total transparency
- ✓ Optimal control of incoming natural light

# TECHNICAL DATA

## GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	36% Fibreglass - 64% PVC	
Weaving pattern	Plain weave	
Width(s)	250, 320 cm	
Roll length (nominal)	Rolls of 52 lm	
Surface mass (weight)	264 g/m <sup>2</sup> ± 5%	ISO 2286-2
Thickness	0.41 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	>186 daN/5 cm	ISO 1421
Breaking strength - Weft	>84 daN/5 cm	ISO 1421
Elongation at break - Warp	<5%	ISO 1421
Elongation at break - Weft	<4%	ISO 1421
Tear strength - Warp	≥6 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
Railway Risk level R1	HL3	EN 45545-2
Regulation UNECE R118	Passed	R118

## THERMAL AND VISUAL PROPERTIES

### Thermal properties

Solar Transmittance Ts (%)	21,6
Solar Reflectance Rs (%)	4,7
Solar Absorptance As (%)	73,7

### Visual properties

Direct Visual Transmittance Tv <sub>n-n</sub>	0,211
Diffuse Visual Transmittance Tv <sub>n-dif</sub>	0,006
Diffuse Hemispherical Transmittance Tv <sub>dif-h</sub>	0,162
Visual Transmittance Tv	0,218
Daylight	2
Glare control	0
Privacy	0
View through	4
UV Protection (Suv Class)	0

Thermal factors	Average value	Class
G <sub>tot</sub> Glazing F	0,600	0
G <sub>tot</sub> Glazing G	0,310	2
G <sub>tot</sub> Glazing H	0,500	0

## HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Reach compliant



Lead free



Fire retardant



Made in EU