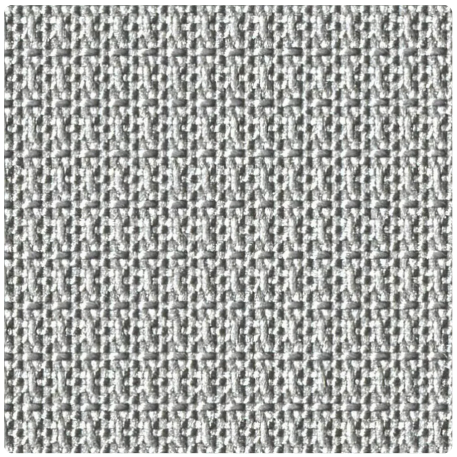
MERMET

EVOLUTION

ZILARIO 3

Metallised fabric to optimise glare control

COLOUR 00860086 Slate (Side B - Alu)



WIDTH(S)	240, 290 cm
DENSITY	2%

VISUAL COMFORT - SLATE (SIDE B - ALU)

Glare control	3
View through	2
Privacy	2
Daylight	1

THERMAL COMFORT WITH GLAZING F

Class interior	1

THERMAL AND VISUAL PROPERTIES

Solar Reflectance Rs	56,9%
Solar Transmittance Ts	7,0%
Interior g-tot - Glazing F	0,359
Visual Transmittance Tv	0,040
Diffuse Visual Transmittance Tvn-dif	0,014
Direct Visual Transmittance Tvn-n	0,027

ABOUT THIS RANGE



Embrace the future sustainably with our next-generation fabrics. Engineered for innovation, designed for tomorrow's sustainable living.

ZILARIO 3

- ✓ Perfect for eco-friendly building initiatives like LEED and BREEAM
- ✓ Created from recycled PET bottles, free from PVC
- ✓ Effective glare control
- ✓ Due to its metallic side, the fabric offers superior solar reflection and outstanding visible transmission, regardless of the chosen colour
- ✓ Meeting diverse environmental standards

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	100% recycled PET bottles	
Weaving pattern	Knitted	
Width(s)	240, 290 cm	
Roll length (nominal)	Rolls of 30 lm	
Surface mass (weight)	226 g/m² ± 5%	ISO 2286-2
Thickness	0.52 mm ± 5%	ISO 2286-3
Colour fastness to artificial light (scale of 8)	≥ 2/8 (white not graded)	ISO 105 B02
Acoustic properties (αw)	0.34	ISO 10534-2

MECHANICAL PROPERTIES

	Average value	Standard
Breaking strength - Warp	>153 daN/5 cm	ISO 1421
Breaking strength - Weft	>127 daN/5 cm	ISO 1421
Elongation at break - Warp	<33%	ISO 1421
Elongation at break - Weft	<34%	ISO 1421
Tear strength - Warp	≥22 daN	ISO 4674-1 method 2
Tear strength - Weft	≥20 daN	ISO 4674-1 method 2

FIRE CERTIFICATES

		Standard
Euroclass	B-s1,d0	EN 13501-1
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	Type C	BS 5867 part 2
United States	FR	NFPA 701

THERMAL AND VISUAL PROPERTIES

Thermal properties		
Solar Transmittance Ts (%)	7,0	
Solar Reflectance Rs (%)	56,9	
Solar Absorptance As (%)	36,1	
Visual properties		
Direct Visual Transmittance Tvn-n	0,027	
Diffuse Visual Transmittance Tvn-dif	0,014	
Diffuse Hemispherical Transmittance Tvdif-h	0,032	
Visual Transmittance Tv	0,040	
Daylight	1	
Glare control	3	
Privacy	2	
View through	2	
UV Protection (Suv Class)	3	
Thermal factors	Average value	Class
Gtot Glazing F	0,359	1
Gtot Glazing G	0,174	2
Gtot Glazing H	0,313	2

HEALTH, SAFETY AND OTHER PROPERTIES

5 Warranty

Printable

PVC free

Fire retardant

Made in EU

Greenguard Gold

Cradle to Cradle Bronze

Oeko-Tex