MERMET

EVOLUTION

SCREEN NATURE

Balancing comfort and sustainability

COLOUR 00040004 Linen



WIDTH(S)	180, 240 cm
DENSITY	4%

VISUAL COMFORT - LINEN

Glare control	0
View through	0
Privacy	2
Daylight	3

THERMAL COMFORT WITH GLAZING F

Class interior	1

THERMAL AND VISUAL PROPERTIES

Solar Reflectance Rs	53,9%
Solar Transmittance Ts	32,3%
Interior g-tot - Glazing F	0,374
Visual Transmittance Tv	0,322
Diffuse Visual Transmittance Tvn-dif	0,281
Direct Visual Transmittance Tvn-n	0,041

ABOUT THIS RANGE



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

SCREEN NATURE

- ✓ Mineral-based composition: Free from PVC, halogens, and polyester
- ✓ Regular pattern ensuring superb outward visibility and transparency
- ✓ Refined fabric design, perfect for blinds in smaller, confined areas
- ✓ Capable of withstanding moisture-rich environments (e.g., indoor pools)
- ✓ Non-combustible with zero smoke emissions (M0, A2-s1-d0, F0)

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	90% Fibreglass - 10% Coating	
Weaving pattern	Plain weave	
Width(s)	180, 240 cm	
Roll length (nominal)	Rolls of 50 lm	
Surface mass (weight)	170 g/m² ± 5%	ISO 2286-2
Thickness	0.23 mm ± 5%	ISO 2286-3
Colour fastness to artificial light (scale of 8)	≥ 7/8 (white not graded)	ISO 105 B02
Acoustic properties (αw)	0.16	ISO 10534-2

MECHANICAL PROPERTIES

	Average value	Standard
Breaking strength - Warp	>100 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	≥3 daN	ISO 4674-1 method 2
Tear strength - Weft	≥3 daN	ISO 4674-1 method 2

FIRE CERTIFICATES

		Standard
Euroclass	A2-s1,d0	EN 13501-1
European Union - Spain	Class 1	EN 13773
France	M0	NF P 92-507
France	M1	NF P 92-507
Germany	A2	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 States	FR	NFPA 701

THERMAL AND VISUAL PROPERTIES

Thermal properties		
Solar Transmittance Ts (%)	32,3	
Solar Reflectance Rs (%)	53,9	
Solar Absorptance As (%)	13,9	
Visual properties		
Direct Visual Transmittance Tvn-n	0,041	
Diffuse Visual Transmittance Tvn-dif	0,281	
Diffuse Hemispherical Transmittance Tvdif-h	0,281	
Visual Transmittance Tv	0,322	
Daylight	3	
Glare control	0	
Privacy	2	
View through	0	
UV Protection (Suv Class)	0	
Thermal factors	Average value	Class
Gtot Glazing F	0,374	1
Gtot Glazing G	0,180	2
Gtot Glazing H	0,323	2

HEALTH, SAFETY AND OTHER PROPERTIES

5 Warranty

Printable

Antibacterial

Fire retardant

Made in EU

PVC free

Greenguard Gold