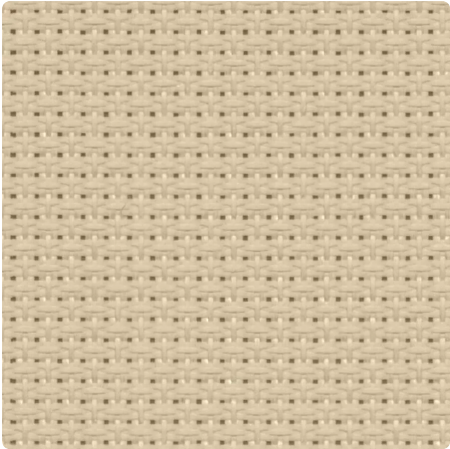


EVOLUTION

SCREEN NATURE

Balancing comfort and sustainability

COLOUR 00050005 Sand



WIDTH(S)	180, 240 cm
DENSITY	4%
VISUAL COMFORT - SAND	
Glare control	0
View through	0
Privacy	2
Daylight	2
THERMAL COMFORT WITH GLAZING F	
Class interior	1
THERMAL AND VISUAL PROPERTIES	
Solar Reflectance Rs	47,0%
Solar Transmittance Ts	26,4%
Interior g-tot - Glazing F	0,409
Visual Transmittance Tv	0,245
Diffuse Visual Transmittance Tvn-dif	0,204
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 (%)	26,4
Solar Reflectance Rs (%)	47,0
Solar Absorptance As (%)	26,5

Visual properties

Direct Visual Transmittance Tv _{n-n}	0,041
Diffuse Visual Transmittance Tv _{n-dif}	0,204
Diffuse Hemispherical Transmittance Tv _{dif-h}	0,212
Visual Transmittance Tv	0,245
Daylight	2
Glare control	0
Privacy	2
View through	0
UV Protection (Suv Class)	4

Thermal factors	Average value	Class
G _{tot} Glazing F	0,409	1
G _{tot} Glazing G	0,203	2
G _{tot} Glazing H	0,352	1

HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Printable



Antibacterial



Fire retardant



Made in EU



PVC free



Greenguard Gold