

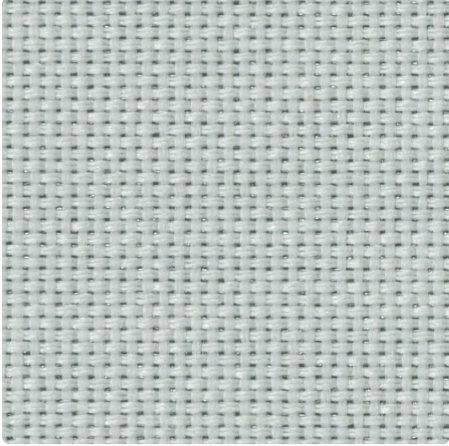
MERMET

EVOLUTION

SEA-TEX STERLING

Metallised fabric made with recycled shoreline plastic

COLOUR 00000204 Ice (Side A)



WIDTH(S)	280 cm
DENSITY	2%
VISUAL COMFORT - ICE (SIDE A)	
Glare control	1
View through	1
Privacy	2
Daylight	1
THERMAL COMFORT WITH GLAZING F	
Class interior	1
THERMAL AND VISUAL PROPERTIES	
Solar Reflectance Rs	53,5%
Solar Transmittance Ts	9,6%
Interior g-tot - Glazing F	0,360
Visual Transmittance Tv	0,098
Diffuse Visual Transmittance Tvn-dif	0,072
Direct Visual Transmittance Tvn-n	0,026

ABOUT THIS RANGE



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

SEA-TEX STERLING

- ✓ Helping to clean up plastic waste on beaches around the world
- ✓ The weft consists entirely of recycled shoreline plastic
- ✓ Ideal for sustainable construction initiatives such as LEED and BREEAM
- ✓ The metallised side boosts the fabric's ability to control glare and provide solar shading
- ✓ A versatile, lustrous, and durable fabric

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	100% Polyester. 50% recycled shoreline plastic	
Weaving pattern	Natté 2x2	
Width(s)	280 cm	
Roll length (nominal)	Rolls of 30 lm	
Surface mass (weight)	239 g/m ² ± 5%	ISO 2286-2
Thickness	0.5 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	>167 daN/5 cm	ISO 1421
Breaking strength - Weft	>125 daN/5 cm	ISO 1421
Elongation at break - Warp	<18%	ISO 1421
Elongation at break - Weft	<30%	ISO 1421
Tear strength - Warp	≥25 daN	ISO 4674-1 method 2
Tear strength - Weft	≥29 daN	ISO 4674-1 method 2

FIRE CERTIFICATES

		Standard
European Union - Spain	Class 1	EN 13773
Germany	B1	DIN 4102-1
United States	FR	NFPA 701

THERMAL AND VISUAL PROPERTIES

Thermal properties

Solar Transmittance Ts (%)	9,6
Solar Reflectance Rs (%)	53,5
Solar Absorptance As (%)	36,9

Visual properties

Direct Visual Transmittance Tv _{n-n}	0,026
Diffuse Visual Transmittance Tv _{n-dif}	0,072
Diffuse Hemispherical Transmittance Tv _{dif-h}	0,083
Visual Transmittance Tv	0,098
Daylight	1
Glare control	1
Privacy	2
View through	1
UV Protection (Suv Class)	2

Thermal factors	Average value	Class
G _{tot} Glazing F	0,360	1
G _{tot} Glazing G	0,170	2
G _{tot} Glazing H	0,310	2

HEALTH, SAFETY AND OTHER PROPERTIES



Reach compliant



Fire retardant



Lead free



PVC free



Greenguard Gold