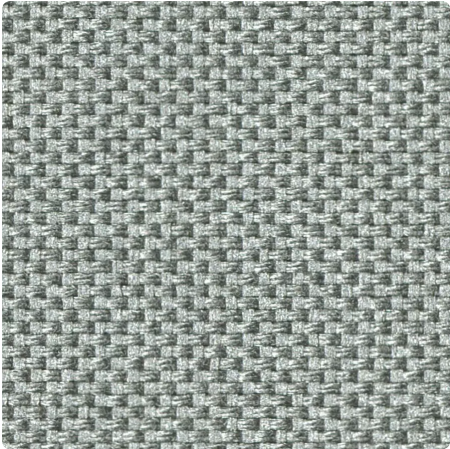


EVOLUTION

SEA-TEX STERLING

Metallised fabric made with recycled shoreline plastic

COLOUR 00001750 Graphite (Side B - Alu)



WIDTH(S)	280 cm
DENSITY	2%
VISUAL COMFORT - GRAPHITE (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	40,9%
Solar Transmittance Ts	5,8%
Interior g-tot - Glazing F	0,440
Visual Transmittance Tv	0,037
Diffuse Visual Transmittance Tvn-dif	0,008
Direct Visual Transmittance Tvn-n	0,029

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 (%)	5,8
Solar Reflectance Rs (%)	40,9
Solar Absorptance As (%)	53,3

Visual properties

Direct Visual Transmittance Tv _{n-n}	0,029
Diffuse Visual Transmittance Tv _{n-dif}	0,008
Diffuse Hemispherical Transmittance Tv _{dif-h}	0,029
Visual Transmittance Tv	0,037
Daylight	1
Glare control	3
Privacy	2
View through	2
UV Protection (Suv Class)	3

Thermal factors	Average value	Class
Gtot Glazing F	0,440	1
Gtot Glazing G	0,220	2
Gtot Glazing H	0,380	1

HEALTH, SAFETY AND OTHER PROPERTIES



Fire retardant



PVC free



Greenguard Gold