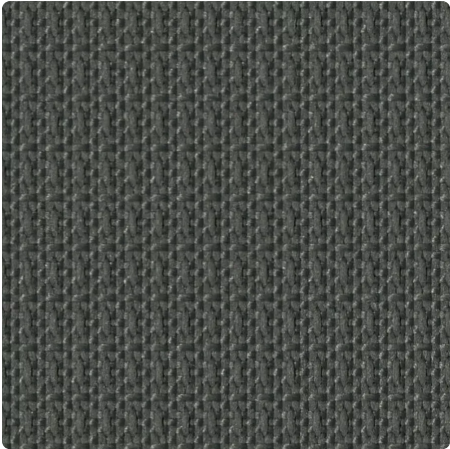


EVOLUTION

ULTERIO 1

High density fabric to optimise glare control

COLOUR 00890089 Basalt



WIDTH(S)	250, 320 cm
DENSITY	2%
VISUAL COMFORT - BASALT	
Glare control	3
View through	2
Privacy	2
Daylight	1
THERMAL COMFORT WITH GLAZING F	
Class interior	
THERMAL AND VISUAL PROPERTIES	
Solar Reflectance Rs	30,7%
Solar Transmittance Ts	16,7%
Interior g-tot - Glazing F	0,520
Visual Transmittance Tv	0,029
Diffuse Visual Transmittance Tv _{n-dif}	0,010
Direct Visual Transmittance Tv _{n-n}	0,019

ABOUT THIS RANGE



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

ULTERIO 1

- ✓ Slim and sophisticated fabric, effortlessly adaptable for use in compact-sized headboxes
- ✓ Created from recycled PET bottles, free from PVC
- ✓ Meeting diverse environmental standards
- ✓ Bacteria have minimal chances of survival on this fabric due to its properties
- ✓ Expanded widths (up to 320 cm) eliminating the need for welding

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	100% recycled PET bottles	
Weaving pattern	Knitted	
Width(s)	250, 320 cm	
Roll length (nominal)	Rolls of 30 lm	
Surface mass (weight)	243 g/m² ± 5%	ISO 2286-2
Thickness	0.49 mm ± 5%	ISO 2286-3
Colour fastness to artificial light (scale of 8)	≥ 2/8 (white not graded)	ISO 105 B02
Acoustic properties (αw)	0.48	ISO 10534-2

MECHANICAL PROPERTIES

	Average value	Standard
Breaking strength - Warp	>162 daN/5 cm	ISO 1421
Breaking strength - Weft	>129 daN/5 cm	ISO 1421
Elongation at break - Warp	<36%	ISO 1421
Elongation at break - Weft	<29%	ISO 1421
Tear strength - Warp	≥24 daN	ISO 4674-1 method 2
Tear strength - Weft	≥18 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 (%)	16,7
Solar Reflectance Rs (%)	30,7
Solar Absorptance As (%)	52,6

Visual properties

Direct Visual Transmittance Tv _{n-n}	0,019
Diffuse Visual Transmittance Tv _{n-dif}	0,010
Diffuse Hemispherical Transmittance Tv _{dif-h}	0,023
Visual Transmittance Tv	0,029
Daylight	1
Glare control	3
Privacy	2
View through	2

UV Protection (Suv Class)	3	
Thermal factors	Average value	Class
Gtot Glazing F	0,520	0
Gtot Glazing G	0,300	2
Gtot Glazing H	0,450	1

HEALTH, SAFETY AND OTHER PROPERTIES



Warranty



Printable



PVC free



Fire retardant



Made in EU



Greenguard Gold



Cradle to Cradle Bronze



Oeko-Tex