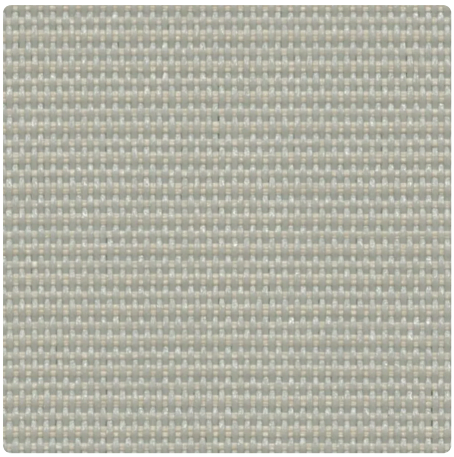
MERMET

HIGH PERFORMANCE

ACOUSTIS® 50

Premium fabric with a decorative aspect and exceptional acoustic absorption

COLOUR 00070004 Silver



WIDTH(S)	250 cm
DENSITY	1%

VISUAL COMFORT - SILVER

Glare control	3
View through	1
Privacy	2
Daylight	1

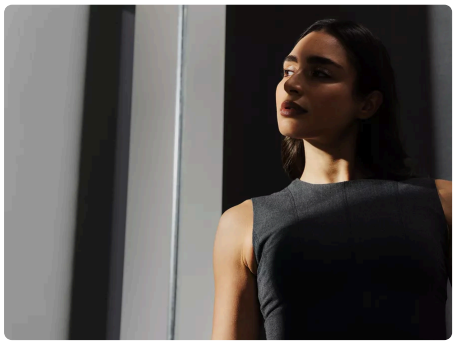
THERMAL COMFORT WITH GLAZING F

Class interior	1

THERMAL AND VISUAL PROPERTIES

Solar Reflectance Rs	39,5%
Solar Transmittance Ts	9,4%
Interior g-tot - Glazing F	0,428
Visual Transmittance Tv	0,070
Diffuse Visual Transmittance Tvn-dif	0,067
Direct Visual Transmittance Tvn-n	0,003

ABOUT THIS RANGE



Unlock augmented features with our cutting-edge fabrics, delivering high added value and best-in-class performance for glare control, temperature management or acoustical comfort.

ACOUSTIS® 50

- Understanding: improved speech clarity
- An exceptionally thin acoustic solution that's lightweight
- Modern colours complementing a textile-like appearance
- Exceptional durability and consistent dimensional stability
- Resistant to humid environments such as indoor pools

TECHNICAL DATA

GENERAL FABRIC PROPERTIES

	Average value	Standard
Weighted composition	36% Fibreglass - 64% PVC	
Weaving pattern	Reb weave	
Width(s)	250 cm	
Roll length (nominal)	Rolls of 33 lm	
Surface mass (weight)	420 g/m² ± 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	>140 daN/5 cm	ISO 1421
Breaking strength - Weft	>120 daN/5 cm	ISO 1421
Elongation at break - Warp	<5%	ISO 1421
Elongation at break - Weft	<5%	ISO 1421
Tear strength - Warp	≥5 daN	ISO 4674-1 method 2
Tear strength - Weft	≥3 daN	ISO 4674-1 method 2

FIRE CERTIFICATES

		Standard
France	M1	NF P 92-507
Italy	Classe Uno	UNI 9177
United Kingdom	Class 0	BS 476 part 6 & 7
United States	FR	NFPA 701

THERMAL AND VISUAL PROPERTIES

Thermal properties		
Solar Transmittance Ts (%)	9,4	
Solar Reflectance Rs (%)	39,5	
Solar Absorptance As (%)	51,1	
Visual properties		
Direct Visual Transmittance Tvn-n	0,003	
Diffuse Visual Transmittance Tvn-dif	0,067	
Diffuse Hemispherical Transmittance Tvdif-h	0,062	
Visual Transmittance Tv	0,070	
Daylight	1	
Glare control	3	
Privacy	2	
View through	1	
UV Protection (Suv Class)	4	
Thermal factors	Average value	Class
Gtot Glazing F	0,428	1
Gtot Glazing G	0,213	2
Gtot Glazing H	0,370	1

HEALTH, SAFETY AND OTHER PROPERTIES

5 Warranty

Printable

Fire retardant

Made in EU

GREENGUARD GOLD Greenguard Gold