

BLACKOUT 100%

FLOCKÉ 11201



INTELLIGENT FABRICS FOR SOLAR PROTECTION

COLLECTION
2018
2021



INTERNAL
APPLICATION

www.sunscreen-mermet.com

FLOCKÉ 11201

BLACKOUT 100%

FLOCKÉ 11201

ELEGANCE IN TERMS OF COMPLETE BLACKOUT

100%

BLACKOUT
AND HEAT PROTECTION

GLASS
FABRIC,
PVC AND POLYESTER FREE

■ **100% OF THE LIGHT AND UV RAYS BLOCKED** at 100.000 lux

■ **THERMAL COMFORT:** rejects up to **89% OF SOLAR RADIATION** thanks to its special white acrylic coating facing the window (g_{tot} = 0,11 / glazing g = 0,32 and U = 1,1)

■ Stylish fabric, 9 trendy colours

■ **WIDE WIDTH OF 240 CM** for large-sized windows offering a seamless design

■ **DIMENSIONAL STABILITY, DURABILITY** (test of 10.000 cycles, class 3 NF EN 13120) **MECHANICAL RESISTANCE:** perfect flatness even in large dimensions

■ **Health/Safety:** conforms to standard requirements for buildings open to the public

TECHNICAL DATA

FLOCKÉ 11201			
Composition	PVC-free treated flocked fibreglass fabric		
Fire, smoke classification and other official test reports*	M1 (F) - NFP 92 503 B1 (DE) - DIN 4102-1 BS (GB) - 476 Pt 6 & 7 Class 0 IMO - MED 2014/90/EU		FR (US) - NFPA 701 F2 (F) - NF F 16-101 HHV: 9,7 MJ/kg (4,02 to 5,33 MJ/m²)
Health, safety	Antibacterial: More than 99% of bacteria destroyed - ASTM E 2180		
Opacity	100 % to 100.000 lux (500 W)		
UV screen	100 %		
Width	240 cm		
Weight/m²***	415 to 550 g ± 10 % (depending on colours) - ISO 2286 - 2		
Thickness***	0,45 to 0,52 mm ± 10 % (depending on colours) - ISO 2286 - 3		
Colour Fastness to light (scale of 8)	7/8 - ISO 105 B02 (white not graded)		
Mechanical resistance	Breaking	Tear	Folding
Warp	> 120 daN/5 cm	≥ 6 daN	≥ 10 daN/5 cm
Weft	> 70 daN/5 cm	≥ 5 daN	≥ 10 daN/5 cm
	ISO 1421	EN 1875-3	ISO 1421**
Elongation (warp and weft)	< 5 % - ISO 1421		
Packaging	Rolls of 33 lm		
Making up	Advice note on request		

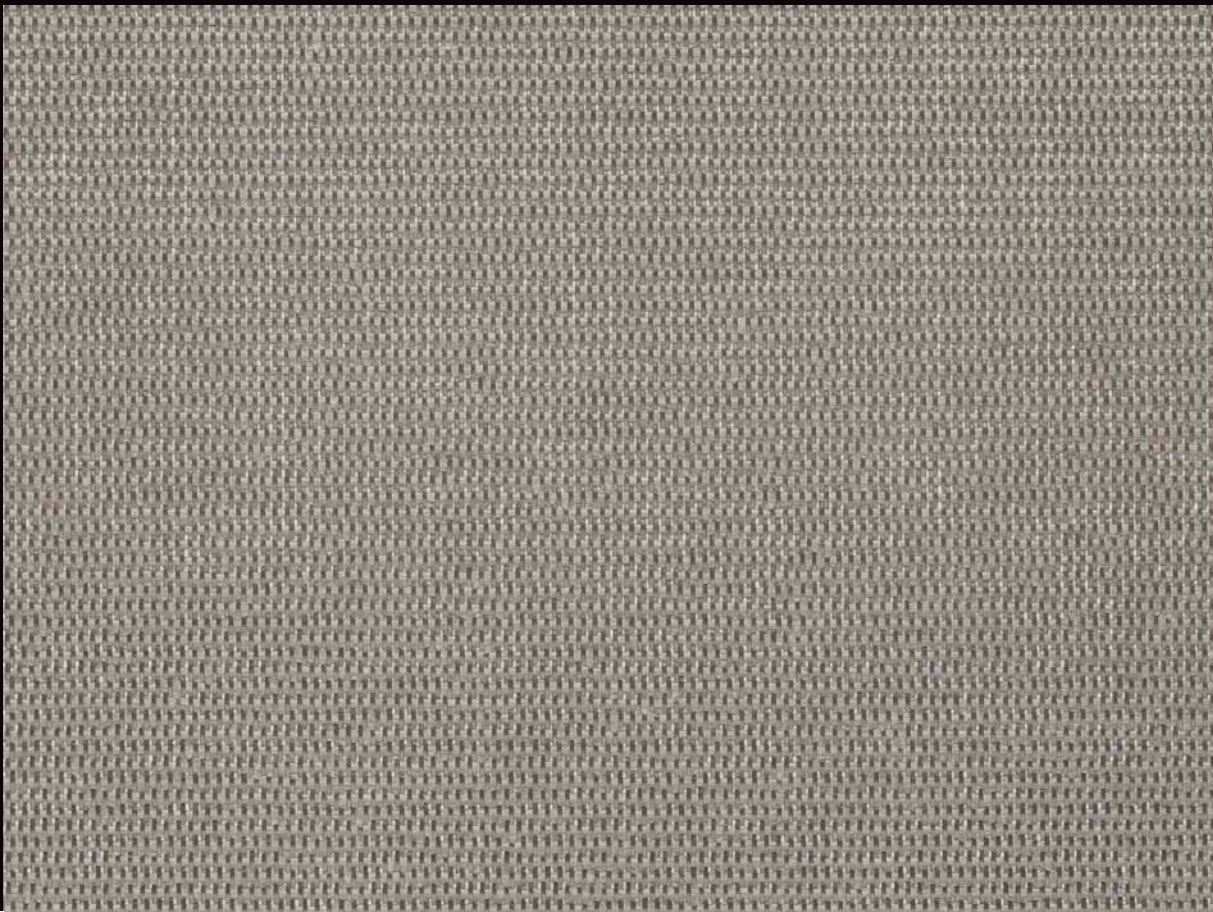
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* Reports available on request, please contact Mermet

** Internal procedure derived from ISO 1421 standard

*** Colours 600-618-608-609-623-625 = weight /m²: 550 g (± 10 %) & thickness: 0,52 mm (± 10 %)

Colours 606-614-617 = weight /m²: 415 g (± 10 %) & thickness: 0,45 mm (± 10 %)



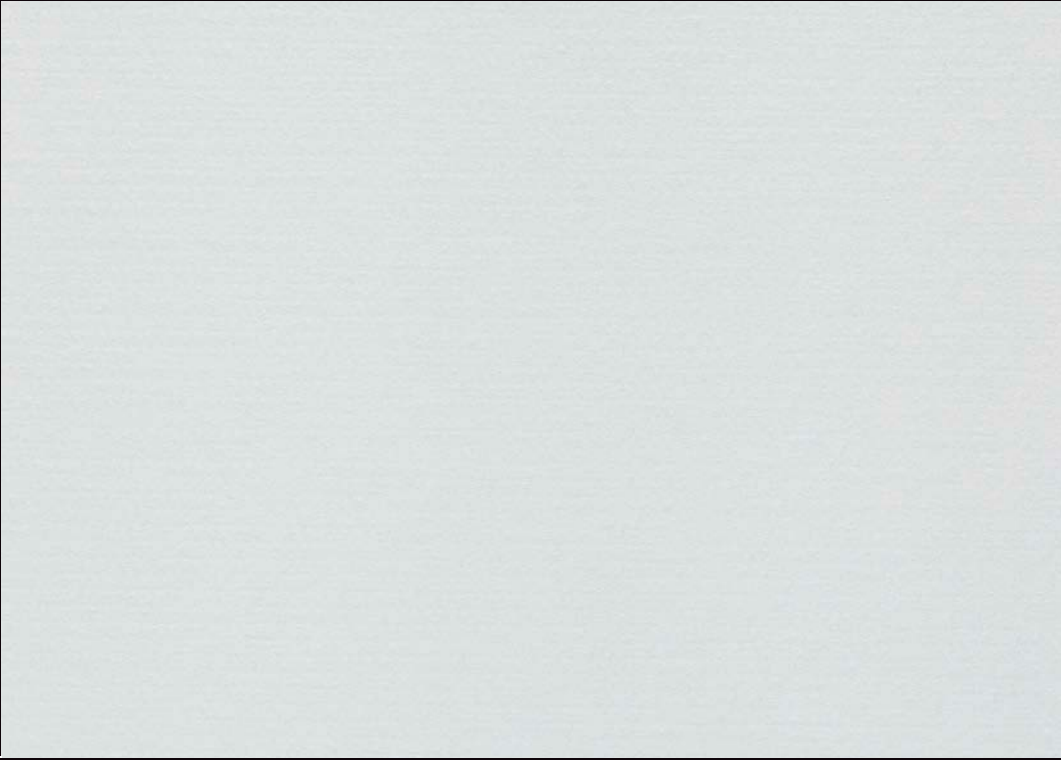
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THERMAL AND OPTICAL FACTORS in the European standard EN 14501

FLOCKÉ 11201 OF 0%	Thermal factors					Optical factors
	Fabric			Fabric + Glazing / gtot internal blind		Tv
Colours	Ts	Rs	As	C : gv = 0,59	D : gv = 0,32	
White acrylic backing side	0	70	30	0,26 2	0,11 3	0
600 White	0	73	27	0,27 2	0,12 3	0
625 Coraline	0	74	26	0,27 2	0,12 3	0
623 Sahel	0	69	31	0,29 2	0,15 2	0
618 Mississippi	0	63	37	0,32 2	0,16 2	0
608 Chartreux	0	46	54	0,40 1	0,22 2	0
609 Loutre	0	25	75	0,40 1	0,27 2	0
614 Pétrole	0	17	83	0,52 0	0,29 2	0
617 Chêne	0	4	96	0,56 0	0,31 2	0
606 Black	0	4	96	0,56 0	0,31 2	0

gv = 0,59: Solar factor of standard glazing (C), low-emission 4/16/4 double glazing filled with Argon (U value thermal transmittance = 1,2 W/m²K).
gv = 0,32: Solar factor of standard glazing (D), reflecting low-emission 4/16/4 double glazing filled with Argon (U value thermal transmittance = 1,1 W/m²K).
Classification according to EN 14501 standard: 0 very little effect 1 little effect 2 moderate effect 3 good effect 4 very good effect
Samples tested according to EN 14500 standard defining the measurements and calculation methods as specified in the standard EN 13363-2 "Solar protection devices combined with glazing calculation of solar and light transmittance - part 2: EN 13363-2 detailed method" and EN 410 "Glass in building - Determination of luminous and solar characteristics of glazing".

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INTERNAL APPLICATIONS



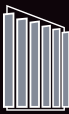
Roller blinds



Roman shades



Decorative panels



Vertical blinds



Velums



ZIP Roller blinds



Printable



Space fitting



WIDTH: 240 CM

600

623

625

618

614

608

609

617

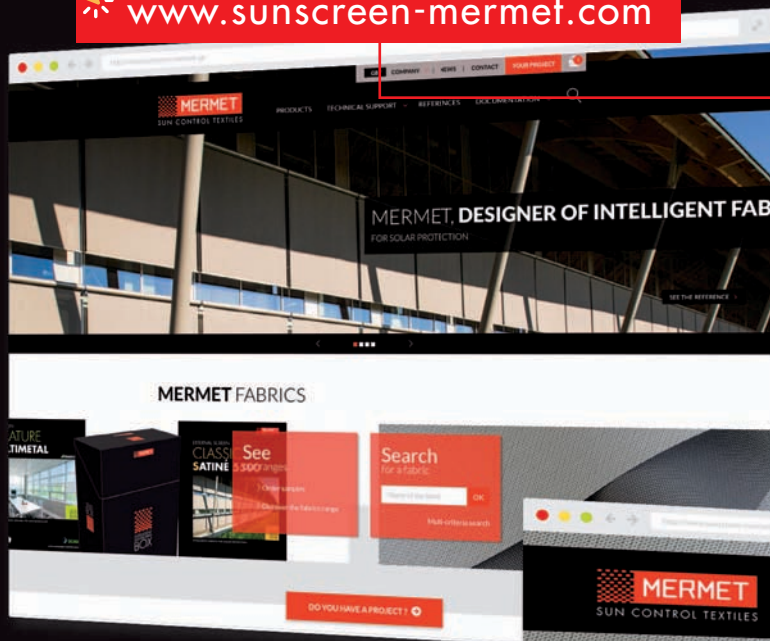
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Colours may be slightly different from the actual ones

SERVICE +

- Calculation of solar factor g_{tot} (glazing + blind)
- Spectral values and thermal & optical factors available on request
- Specification sheet
- A4 samples and prototypes
- Training on fabrics functionality

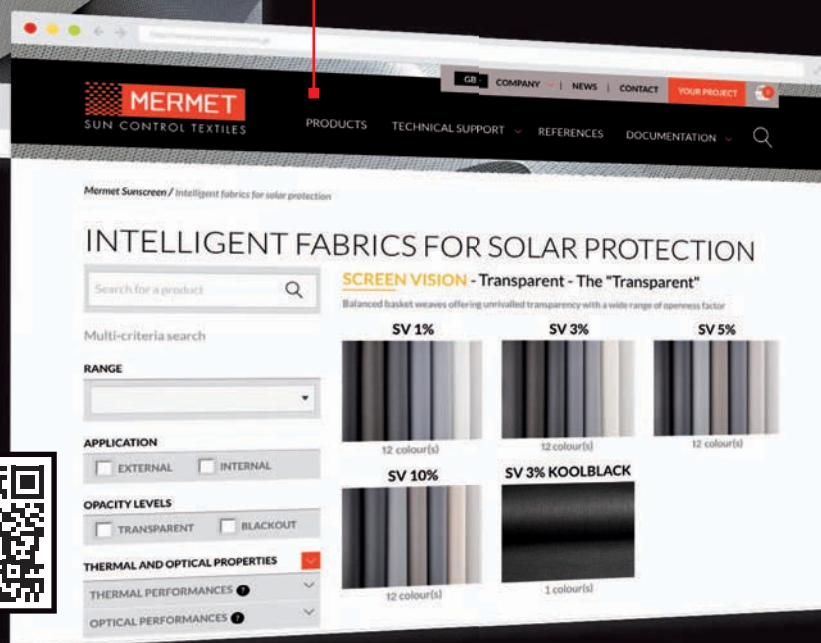
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SCREEN VISION / DESIGN / THERMIC / LOW E

EXTERNAL SCREEN CLASSIC

SCREEN NATURE

BLACKOUT 100 %

ACOUSTICS



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