

4500 QM

EXTERIOR COLLECTION

Duralex

4500 QM

Duralex 4500 QM offers excellent heat protection used as external Zipcover. The glare control is also excellent because of the twill weave design but depends at the same time of the selected colour. (Tv values go below 5% while selecting a dark color.) Duralex has a nice transparency, that offers a clear view to the outside.

Our new fabrics achieve the **highest air permeability** score in their category. This ensures **maximum breathability** without compromising durability and stability. The result is superior comfort and performance for demanding applications.

Conclusion: an excellent choice for your high performance external blind system!

We offer this fabric in a variety of different economical widths: 250-275-300 cm.

The colours displayed on this colour card are for reference only. Due to the nature of fabric production, slight colour variations may occur between different batches.

4500 QM 01
white uni

4500 QM 02
white - pearl

4500 QM 03
linen - white

4500 QM 04
linen uni

4500 QM 06
pearl uni

4500 QM 07
pearl - grey

4500 QM 08
grey - white

4500 QM 10
grey uni

4500 QM 18
coastal stone uni

4500 QM 19
coastal stone - grey

4500 QM 11
grey - coal

4500 QM 14
bronze uni

4500 QM 12
coal - bronze

4500 QM 13
coal uni

4500 QM 16
stormy grey uni

4500 QM 17
deep black uni



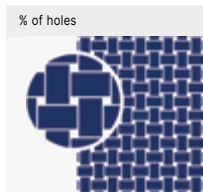
4500 QM

Solar and visible light properties

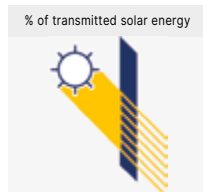
DIN ISO 52022-1

Ref.	Ts	Rs	As	Tv	Rv	Av	Tuv	Double glazing with low emission degree and argon interspace	
	$\tilde{\tau}_{e,n-h}$	$\tau_{e,n-h}^o$	ϵ_e	$\tilde{\tau}_{v,n-h}$	$\tau_{v,n-h}^o$	ϵ_v	$\tilde{\tau}_{UV}$	$U_g=1,2 \text{ W/(m}^2\text{K)} \text{ } g=0,59$	
								g_{tot}	F_c
QM 01	18,1%	64,9%	17,0%	17,0%	74,3%	8,7%	6,4%	0,13	0,23
QM 02	14,1%	49,8%	36,1%	12,2%	54,3%	33,5%	5,9%	0,13	0,21
QM 03	16,7%	61,8%	21,4%	15,3%	69,4%	15,3%	5,0%	0,13	0,22
QM 04	17,2%	58,2%	24,6%	15,7%	64,0%	20,3%	5,6%	0,14	0,23
QM 06	11,0%	37,9%	51,1%	8,8%	39,1%	52,1%	5,7%	0,12	0,20
QM 07	10,7%	26,9%	62,4%	9,0%	27,0%	64,0%	7,1%	0,13	0,21
QM 08	10,3%	38,3%	51,4%	9,2%	42,5%	48,3%	7,1%	0,11	0,19
QM 10	7,6%	18,0%	74,4%	6,8%	17,1%	76,1%	6,1%	0,12	0,20
QM 18	11,0%	27,7%	61,3%	8,4%	24,9%	66,7%	4,6%	0,13	0,22
QM 19	8,8%	22,8%	68,4%	7,0%	21,0%	72,0%	4,6%	0,12	0,20
QM 11	7,0%	11,3%	81,7%	6,6%	10,9%	82,5%	6,2%	0,12	0,20
QM 14	7,4%	10,4%	82,2%	6,5%	8,4%	85,1%	6,3%	0,12	0,21
QM 12	5,9%	8,4%	85,7%	5,8%	7,3%	86,9%	5,6%	0,11	0,19
QM 13	6,0%	5,9%	88,1%	5,8%	5,8%	88,2%	5,9%	0,12	0,20
QM 16	6,4%	7,8%	85,8%	6,1%	6,8%	87,1%	6,0%	0,12	0,20
QM 17	5,0%	3,8%	91,2%	4,9%	3,9%	91,2%	5,1%	0,11	0,19

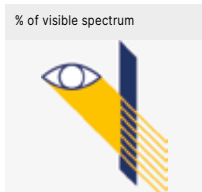
OF



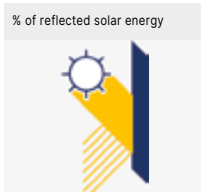
TS



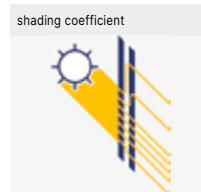
TV



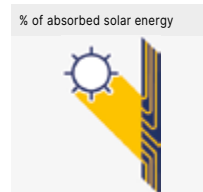
RS



G/tot



AS



4500 QM

Technical properties

Technical specifications	Average Values	5%	Standard	
Composition	Fiberglass 38%		ISO 1833-1	
	PVC 62%			
Weight(/sqm)	556gram ± 5%		ISO 3081	
Thickness	0.83mm ± 5%		ISO 5084	
Fabric count (sq.inch)	45 ends X 35 picks		ISO 7211/2	
Tensile strength (daN/5cm)	325 Warp / 270 Weft ± 5%		ISO 1421/1	
Tearing strength (daN)	13 Warp / 6.9 Weft ± 5%		ISO 4674	
Colorfastness to light	Grade 7-8		ISO 105 B02	
Fire resistance	C s3, d0	B1	EN13501-01(EU)	DIN 4102(DE)
	M1	FR	NF P92-503(FR)	NFPA 701 (US)
Environment	OEKO-TEX Standard 100			
	GREENGUARD			
Standard width	(200cm) - 250cm - 275cm - 300cm			
Standard length	30 meter / roll			
Cutting	best result with crush cutting			
Welding	thermal, HF, ultrasonic, sewing			
Cleaning	remove dust from the fabric surface, then wipe gently			
	with a humind soft sponge while using a mild detergent			

Air Permeability	ISO9237: 1995 (mm/s)
	2451 mm/s

Light performances

Classification EN 14501 (2021-09)

Code	glare control	privacy night	sight contact with the outside	daylight utilisation
QM 01	0	1	2	2
QM 02	0	1	2	2
QM 03	0	2	1	2
QM 04	0	1	2	2
QM 06	0	1	3	1
QM 07	0	1	3	1
QM 08	0	1	3	1
QM 10	0	1	3	1
QM 18	1	2	1	1
QM 19	1	2	2	1

Code	glare control	privacy night	sight contact with the outside	daylight utilisation
QM 11	0	1	3	1
QM 14	0	1	3	1
QM 12	0	1	3	1
QM 13	0	1	3	1
QM 16	0	1	3	1
QM 17	1	2	2	1

Influence on visual comfort					
Class	0	1	2	3	4
	very small effect	small effect	moderate effect	high effect	very high effect

All data are purely indicative and non contractual

Eco & conformity labels

FIVE YEAR WARRANTY



FIRE RETARDANT



ANTI-BACTERIAL



LEAD FREE



1905063
Centexbel



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