

4000 QM

EXTERIOR COLLECTION

2025

Duralex

4000 QM

Duralex 4000 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.

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.

4000 QM 03
linen - white

4000 QM 04
linen uni

4000 QM 14
bronze uni

4000 QM 12
coal - bronze

4000 QM 18
coastal stone uni

4000 QM 19
coastal stone - grey



[solaye fabrics.eu](https://www.solayefabrics.eu)

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4000 QM 01
white uni

4000 QM 02
white - pearl

4000 QM 06
pearl uni

4000 QM 07
pearl - grey

4000 QM 08
grey - white

4000 QM 10
grey uni

4000 QM 11
grey - coal

4000 QM 13
coal uni

4000 QM 16
stormy grey uni

4000 QM 17
deep black uni



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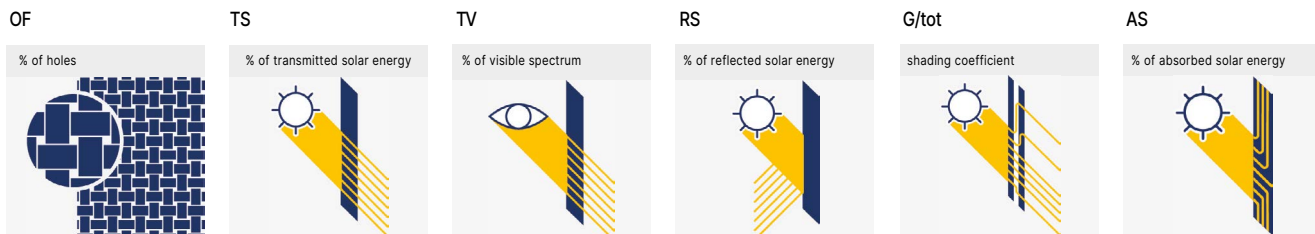
4000 QM

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	
								U _g =1,2 W/(m ² K) g=0,59	
								g _{tot}	F _c
	$\tilde{e}_{e,n-h}$	$\overset{\circ}{e}_{e,n-h}$	ϵ_e	$\tilde{v}_{v,n-h}$	$\overset{\circ}{v}_{v,n-h}$	ϵ_v	\tilde{u}_{uv}		
QM 01	18,1%	66,2%	15,7%	15,2%	76,2%	8,6%	4,9%	0,13	0,23
QM 02 front	12,8%	56,1%	31,1%	9,7%	63,7%	26,6%	4,5%	0,11	0,19
QM 02 back	12,8%	48,7%	38,5%	9,7%	54,2%	36,1%	4,5%	0,12	0,20
QM 06	10,1%	34,9%	55,0%	7,3%	36,9%	55,8%	5,0%	0,12	0,20
QM 07 front	7,6%	29,1%	63,3%	5,8%	30,9%	63,3%	4,3%	0,11	0,18
QM 07 back	7,6%	24,7%	67,7%	5,8%	26,2%	68,0%	4,3%	0,11	0,19
QM 08 front	7,8%	36,9%	55,3%	6,3%	41,7%	52,0%	4,8%	0,10	0,17
QM 08 back	7,8%	27,2%	65,0%	6,3%	30,1%	63,6%	4,8%	0,11	0,19
QM 10	6,0%	16,4%	77,6%	5,0%	16,7%	78,3%	4,7%	0,11	0,18
QM 11 front	5,7%	13,3%	81,0%	5,1%	13,6%	81,3%	4,8%	0,11	0,19
QM 11 back	5,7%	10,5%	83,8%	5,1%	10,7%	84,2%	4,8%	0,11	0,19
QM 13	4,4%	5,6%	90,0%	4,3%	5,7%	90,0%	4,3%	0,11	0,18
QM 16	4,7%	6,7%	88,6%	4,4%	6,5%	89,1%	4,4%	0,11	0,19
QM 17	4,7%	3,6%	91,7%	4,6%	3,5%	91,9%	4,7%	0,11	0,19

Ref.	Ts	Rs	As	Tv	Rv	Av	Tuv	Double glazing with low emission degree and argon interspace	
								U _g =1,2 W/(m ² K) g=0,59	
								g _{tot}	F _c
	$\tilde{e}_{e,n-h}$	$\overset{\circ}{e}_{e,n-h}$	ϵ_e	$\tilde{v}_{v,n-h}$	$\overset{\circ}{v}_{v,n-h}$	ϵ_v	\tilde{u}_{uv}		
QM 03 front	17,6%	60,5%	21,9%	15,2%	68,0%	16,8%	5,4%	0,14	0,23
QM 03 back	17,6%	59,7%	22,7%	15,2%	66,5%	18,3%	5,4%	0,14	0,23
QM 04	17,0%	56,5%	26,5%	14,1%	62,3%	23,6%	5,0%	0,14	0,23
QM 14	5,0%	7,0%	87,9%	5,0%	6,8%	88,2%	4,9%	0,11	0,19
QM 12 front	5,8%	8,8%	85,4%	5,3%	8,0%	86,7%	5,0%	0,11	0,19
QM 12 back	5,8%	9,0%	85,2%	5,3%	8,2%	86,5%	5,0%	0,11	0,19
QM 18	11,6%	18,2%	70,2%	9,3%	17,2%	73,5%	6,8%	0,14	0,23
QM 19 front	14,8%	21,2%	64,1%	11,6%	19,0%	69,4%	8,1%	0,15	0,26
QM 19 back	14,8%	21,5%	63,7%	11,6%	19,4%	69,0%	8,1%	0,15	0,26



4000 QM

Technical properties

Technical specifications	Average Values	5%	Standard	
Composition	Fiberglass 20%		ISO 1833-1	
	PVC 80%			
Weight(/sqm)	556gram ± 5%		ISO 3081	
Thickness(/sqm)	0.83mm ± 5%		ISO 5084	
Fabric count(sq.inch)	50 ends X 35 picks		ISO 7211/2	
Tensile strength(daN/5cm)	201.4 Warp / 141.0 Weft ± 5%		ISO 1421/1	
Tearing strength(daN)	7.1 Warp / 6.5 Weft ± 5%		ISO 4674	
Colorfastness to light	Grade 7-8		ISO 105 B02	
Fire resistance	C s3, d0	B2	EN13501-01(EU)	DIN 4102(DE)
	M1	FR	NF P92-503(FR)	NFPA 701 (US)
Environment	OEKO-TEX Standard 100			
	GREENGUARD			
Standard width	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			

Classification EN 14501 (2021-09)

Code	glare control	privacy night	sight contact with the outside	daylight utilisation
QM 01	0	2	1	2
QM 02	1	2	1	1
QM 06	1	2	2	1
QM 07	1	2	2	1
QM 08	1	2	2	1
QM 10	1	2	2	1
QM 11	1	2	2	1
QM 13	1	2	2	1
QM 16	1	2	2	1
QM 17	1	2	2	1

Code	glare control	privacy night	sight contact with the outside	daylight utilisation
QM 03	0	2	1	2
QM 04	0	2	1	2
QM 14	1	2	2	1
QM 12	1	2	2	1
QM 18	0	1	3	1
QM 19	0	1	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

FIVE YEAR WARRANTY



FIRE RETARDANT



ANTI-BACTERIAL



LEAD FREE

