



JM *Technical Textiles*

SCREEN
DIMOUT
BLACKOUT
ALUMINIUM
ACOUSTIC
MEDI CARE
FACADE

5%

3%

JM Silkshade

JM Silkshade 3%



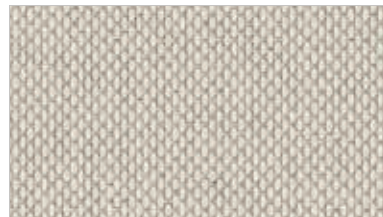
7172

Rich Black



7174

Dusty Fawn



10025

Ivory



7033

Charcoal



7184

Cashmere



7169

Snow



7183

Hot Stone



10042

Grey Haze

JM Silkshade 5%



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Rich Black



7174

Dusty Fawn



10025

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Charcoal



7184

Cashmere



7169

Snow



7183

Hot Stone



10042

Grey Haze

JM Silkshade 3%



PVC-, halogen- and antimony-free finish



good night privacy in all colours



very good glare control in dark colours



very good daylight utilisation in light colours



good visual contact in dark colours



textile appearance

colour	optical factors										thermal factors					
	fabric						classification				fabric				fabric + glazing	
	visible light (%)						glare control	night privacy	visual contact	daylight utilisation	solar radiation (%)				glazing D _{g=0.32 U_g=1.1}	
	T _v	R _v	A _v	T _{v,n-n}	T _{v,n-dif}	R _a					T _s	R _s	A _s	T _{UV}	g _{tot}	class
7033	5	10	85	3,2	2,0	90	3	2	2	1	21	37	42	5	0,28	2
7169	37	61	2	2,9	34,4	98	0	2	0	3	37	61	2	28	0,26	2
7172	3	4	93	2,6	0,6	95	3	2	2	1	18	32	50	4	0,28	2
7174	7	20	73	2,5	4,3	81	2	2	2	1	21	43	36	6	0,27	2
7183	7	15	78	3,1	3,4	90	3	2	2	1	21	39	40	6	0,28	2
7184	12	31	57	2,6	9,6	90	1	2	1	2	24	47	29	10	0,27	2
10025	27	53	20	3,0	23,8	89	0	2	0	2	31	58	11	16	0,26	2
10042	18	41	41	2,9	14,6	96	1	2	1	2	26	53	21	13	0,26	2

JM Silkshade 5%



PVC-, halogen- and antimony-free finish



good night privacy in all colours



glare control in dark colours



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good visual contact in dark colours



textile appearance

colour	optical factors										thermal factors					
	fabric						classification				fabric				fabric + glazing	
	visible light (%)						glare control	night privacy	visual contact	daylight utilisation	solar radiation (%)				glazing D _{g=0.32 U_g=1.1}	
	T _v	R _v	A _v	T _{v,n-n}	T _{v,n-dif}	R _a					T _s	R _s	A _s	T _{UV}	g _{tot}	class
7033	7	10	83	4,1	2,9	90	1	2	2	1	24	34	42	7	0,28	2
7169	43	56	1	5,7	37,7	98	0	1	1	3	42	47	11	31	0,27	2
7172	5	4	91	4,1	0,9	95	1	2	2	1	21	31	48	6	0,28	2
7174	12	22	66	3,8	8,0	86	0	2	1	2	26	40	34	10	0,28	2
7183	9	16	75	3,6	4,9	90	1	2	1	1	23	38	39	9	0,28	2
7184	17	32	51	4,4	12,5	88	0	2	1	2	25	45	30	13	0,27	2
10025	36	51	13	5,6	30,0	94	0	1	1	3	37	54	9	23	0,26	2
10042	23	39	38	4,6	17,9	96	0	2	0	2	31	49	20	22	0,27	2

Data is measured according to EN 410:2011 and EN 14500:2021. Calculations of g_{tot} are defined according to EN ISO 52022-1:2017 using solar control double glazing type D ($g=0.32$; $U_g=1.1$). Other glazing types can be calculated on request. Classifications: 0 (very little effect), 1 (little effect), 2 (moderate effect), 3 (good effect) and 4 (very good effect) refer to EN 14501:2021.

Article		40978	70735	70835
Width		305 cm / 120"	89 mm / 3,5"	127 mm / 5"
Base material		100 % polyester (Trevira CS)		
Weight approx.	EN 12127	160 g/m ² / 4,7 oz/yd ²	160 g/m ² / 4,7 oz/yd ²	160 g/m ² / 4,7 oz/yd ²
Thickness approx.	EN ISO 5084	0,37 mm / 0,015"	0,37 mm / 0,015"	0,37 mm / 0,015"
Openness factor OF	EN 14500	3 %	3 %	3 %
Flame retardancy		B1 / C1 / NFPA 701 / M1* / B-s1,d0*		
Sound absorption	EN ISO 354 ASTM C423	$\alpha_w = 0,30$ NRC = 0,25	$\alpha_w = 0,30$ NRC = 0,25	$\alpha_w = 0,30$ NRC = 0,25
Light fastness (window side)	EN ISO 105-B02	min. 5-6	min. 5-6	min. 5-6
Tensile properties: Determination of max. force Elongation at max. force	EN ISO 13934-1	warp: > 95 daN - weft: > 60 daN warp: approx. 25 % - weft: approx. 25 %		
Suitable for moist atmosphere		yes	yes	yes
Manufacturing guidance		to cut with ultrasonic knife, non-railroading (fabric length for drop)	to manufacture with welding agent	
Roll length approx.		40 m / 44 yd	150 m / 164 yd	150 m / 164 yd
Care instruction		spongeable	spongeable	spongeable

Article		40764	70560	70660
Width		240 cm / 94"	89 mm / 3,5"	127 mm / 5"
Base material		100 % polyester (Trevira CS)		
Weight approx.	EN 12127	155 g/m ² / 4,6 oz/yd ²	155 g/m ² / 4,6 oz/yd ²	155 g/m ² / 4,6 oz/yd ²
Thickness approx.	EN ISO 5084	0,38 mm / 0,015"	0,38 mm / 0,015"	0,38 mm / 0,015"
Openness factor OF	EN 14500	5 %	5 %	5 %
Flame retardancy		B1 / C1 / NFPA 701 / M1* / B-s1,d0*		
Sound absorption	EN ISO 354 ASTM C423	$\alpha_w = 0,20$ NRC = 0,20	$\alpha_w = 0,20$ NRC = 0,20	$\alpha_w = 0,20$ NRC = 0,20
Light fastness (window side)	EN ISO 105-B02	min. 5-6	min. 5-6	min. 5-6
Tensile properties: Determination of max. force Elongation at max. force	EN ISO 13934-1	warp: > 100 daN - weft: > 50 daN warp: approx. 25 % - weft: approx. 20 %		
Suitable for moist atmosphere		yes	yes	yes
Manufacturing guidance		to cut with cold knife, non-railroading (fabric length for drop)	to manufacture with welding agent	
Roll length approx.		40 m / 44 yd	150 m / 164 yd	150 m / 164 yd
Care instruction		spongeable	spongeable	spongeable

* confirmed by Trevira GmbH

The information provided in this document do not exempt processors from carrying out own tests and trials as further handling and processing may show significant effects on our products. Application, utilization and processing of products are beyond our control and are therefore the sole responsibility of the processors.

All specifications are based on current knowledge and experience. They are based on average values and may deviate within the standard tolerance limits. Subject to technical modifications.

Product certificates and guarantees



REACH
compliant



Sustainable building certificates

All JM fabrics certified according to SCS Advantage™ Gold can contribute to credits in sustainable building certifications, such as DGNB, BREEAM and LEED.