JM Technical Textiles

SCREEN
DIMOUT
BLACKOUT
ALUMINIUM
ACOUSTIC
MEDI CARE
FACADE

Opera 7%

Opera 7%

11025 L XL Charcoal

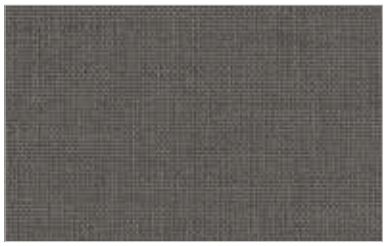
11129 XL Dark Taupe

11022 L Powder Blue

11130 XL Nordic Coal

10293 L XL Stone

11021 L Sea Glass



11128 XL Olive Grey

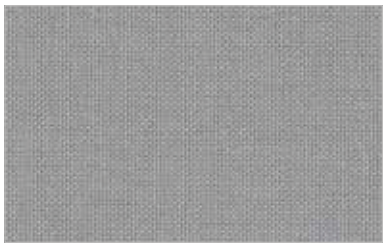
10194 L Alabaster

60001 L Light Sage

10296 L XL Basalt

10311 L XL Canvas

10232 L Apple Green



10274 L XL Silver

11023 XL Hay

10231 L Citron

13003 L Ultra White

10230 L XL Pure White

10297 L Mandarine

Opera 7%

PVC-, halogen- and antimony-free finish

wide colour range

good visual contact in dark colours

textile appearance

very good daylight utilisation in light colours

	optical factors										thermal factors					
	fabric						classification				fabric				fabric + glazing	
colour	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
10194	44	52	4	8,0	36,3	96	0	1	1	3	44	53	3	38	0,27	2
10230	47	52	1	7,4	39,7	99	0	1	1	4	46	52	2	37	0,27	2
10231	45	48	7	8,1	37,0	83	0	1	1	3	43	45	12	30	0,27	2
10232	38	41	21	8,4	30,0	85	0	1	1	3	38	42	20	15	0,27	2
10274	29	33	38	8,8	20,3	99	0	1	1	3	31	34	35	24	0,28	2
10293	35	39	26	9,0	25,6	96	0	1	1	3	35	40	25	28	0,28	2
10296	21	20	59	9,3	11,4	99	0	1	2	2	23	23	54	18	0,29	2
10297	23	27	50	8,5	14,2	55	0	1	2	2	33	40	27	16	0,28	2
10311	41	49	10	9,7	31,2	98	0	1	1	3	41	49	10	32	0,27	2
11021	31	39	30	6,7	24,4	93	0	1	1	3	36	46	18	24	0,27	2
11022	22	27	51	7,7	13,8	92	0	1	2	2	31	41	28	17	0,27	2
11023	40	52	8	7,4	32,3	99	0	1	1	3	40	52	8	33	0,27	2
11025	12	5	83	8,4	3,3	99	0	1	3	1	12	5	83	11	0,31	2
11128	16	12	72	7,9	8,2	95	0	1	2	2	32	34	34	16	0,28	2
11129	20	20	60	8,0	12,3	91	0	1	2	2	34	36	30	20	0,28	2
11130	13	9	78	7,1	5,8	97	0	1	2	2	27	28	45	12	0,29	2
13003	49	50	1	10,2	38,3	99	0	1	1	4	48	50	2	46	0,27	2
60001	34	43	23	8,6	25,4	94	0	1	1	3	34	43	23	25	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.

L available in 240 cm / 94"

XL available in 305 cm / 120"

Opera 7%

Certified for HP Latex Inks

Article		401069	401076
Width		240 cm / 94"	305 cm / 120"
Base material		100 % polyester	100 % polyester
Weight approx.	EN 12127	155 g/m² / 4,6 oz/yd²	155 g/m² / 4,6 oz/yd²
Thickness approx.	EN ISO 5084	0,36 mm / 0,014"	0,36 mm / 0,014"
Openness factor OF	EN 14500	7 %	7 %
Flame retardancy		B1 / M1 / C1 / NFPA 701 / B-s1,d0	B1 / M1 / C1 / NFPA 701 / B-s1,d0
Sound absorption	EN ISO 10534-2	α_w = 0,25	α_w = 0,25
Light fastness (window side)	EN ISO 105-B02	min. 5-6	min. 5-6
Tensile properties: **Determination of max. force** **Elongation at max. force**	EN ISO 13934-1	warp: > 70 daN - weft: > 90 daN warp: approx. 12 % - weft: approx. 25 %	
Suitable for moist atmosphere		yes	yes
Manufacturing guidance		to cut with ultrasonic knife	to cut with ultrasonic knife
Roll length approx.		40 m / 44 yd	40 m / 44 yd
Care instruction		brush off, vacuum cleaning, hand-washable* according to instruction	

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.

* flame retardancy not guaranteed after washing

Product certificates and guarantees

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.

made in Germany