JM Technical Textiles

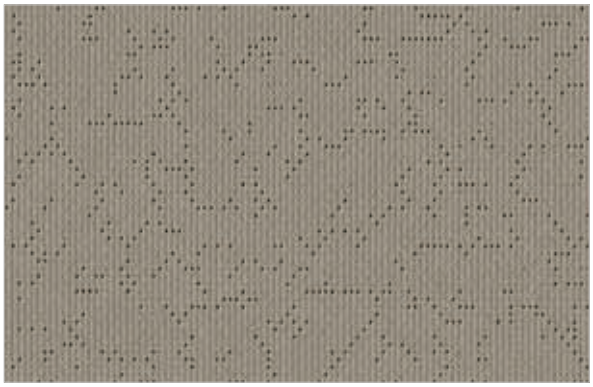
SCREEN
DIMOUT
BLACKOUT
ALUMINIUM
ACOUSTIC
MEDI CARE
FACADE

3%

Skyscreen Alu®

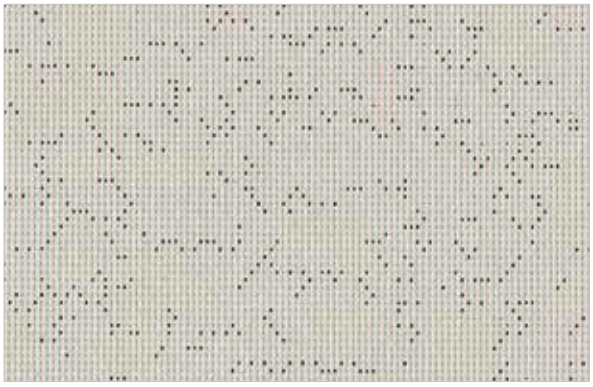
Skyscreen Alu® 3%

10090 Black Marble

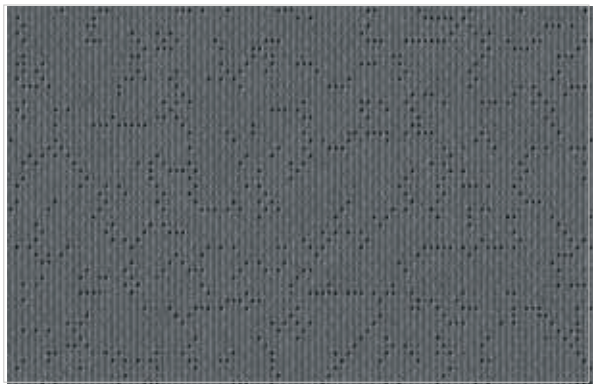


11206 Rustic Taupe

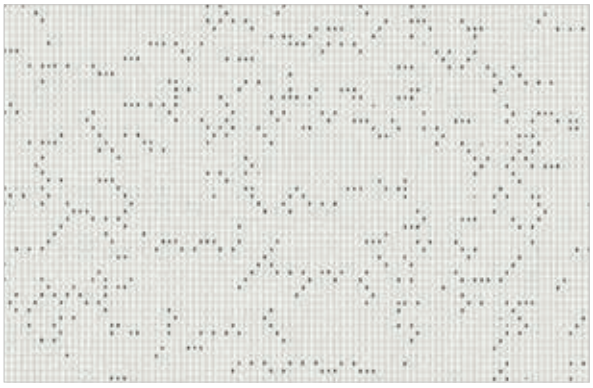
11205 Graphic Charcoal



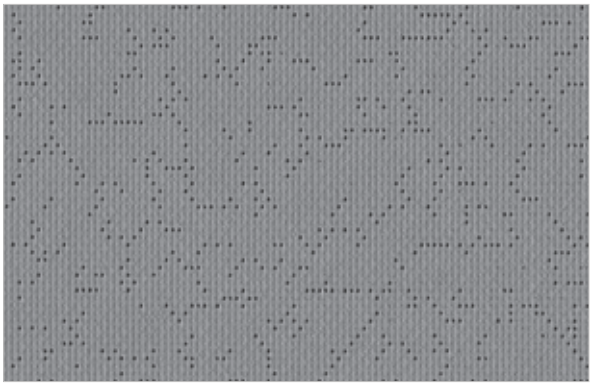
11211 Canvas



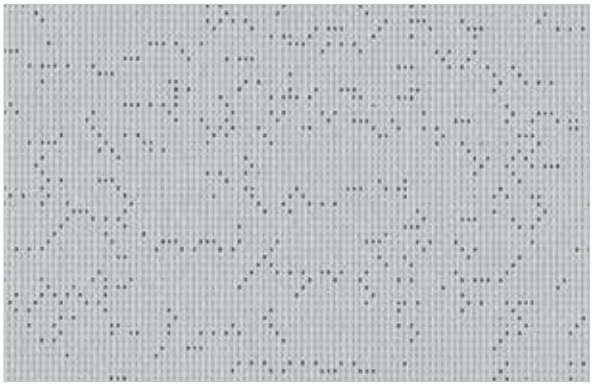
11204 Slate Grey



11201 Arctic Snow



11203 Siltstone



11202 Classic Silver

Skyscreen Alu® 3%

- PVC-free
- very good glare control
- good visual contact
- good night privacy
- brilliant colours despite aluminium coating
- thin and light weight
- high solar reflection (thermal comfort) up to 84 %
- extremely low thermal emissivity (low E)

	optical factors										thermal factors						
colour	fabric						classification				fabric					fabric + glazing	
	visible light (%)						glare control	night privacy	visual contact	daylight utilisation	solar radiation (%)				IR	glazing D g=0,32 Ug=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}	ε	g_{tot}	class
10090	3	80	17	2,5	0,3	100	3	2	2	1	3	81	16	3	0,09	0,24	2
11201	3	81	16	2,4	0,7	100	3	2	2	1	3	82	15	2	0,04	0,23	2
11202	3	81	16	2,1	0,6	99	3	2	2	1	3	82	15	2	0,04	0,23	2
11203	3	82	15	2,6	0,5	100	3	2	2	1	3	83	14	3	0,05	0,23	2
11204	3	83	14	2,5	0,3	99	3	2	2	1	3	84	13	3	0,04	0,23	2
11205	3	82	15	2,4	0,4	99	3	2	2	1	3	83	14	3	0,05	0,23	2
11206	3	82	15	2,2	0,4	99	3	2	2	1	3	83	14	2	0,07	0,23	2
11211	3	82	15	2,2	0,9	99	3	2	2	1	3	83	14	3	0,04	0,23	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.

Skyscreen Alu® 3%

Article		401090
Width		290 cm / 114"
Base material		100 % polyester
Weight approx.	EN 12127	270 g/m² / 8,0 oz/yd²
Thickness approx.	EN ISO 5084	0,40 mm / 0,016"
Openness factor OF	EN 14500	3 %
Flame retardancy		B1 / C1 / B-s2,d0 / CAN/ULC S109
Sound absorption	EN ISO 10534-2	α_w = 0,20
Light fastness (window side)	EN ISO 105-B02	7
Tensile properties: **Determination of max. force** **Elongation at max. force**	EN ISO 13934-1	 warp: > 120 daN - weft: > 100 daN warp: approx. 30 % - weft: approx. 35 %
Suitable for moist atmosphere		no
Manufacturing guidance		to cut with cold knife
Roll length approx.		42 m / 46 yd
Care instruction		brush off, vacuum cleaning

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

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