



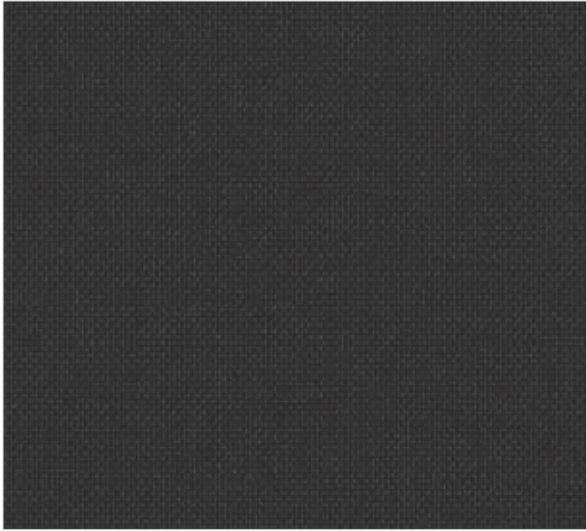
JM *Technical Textiles*

SCREEN
DIMOUT
BLACKOUT
ALUMINIUM
ACOUSTIC
MEDI CARE
FACADE

2%

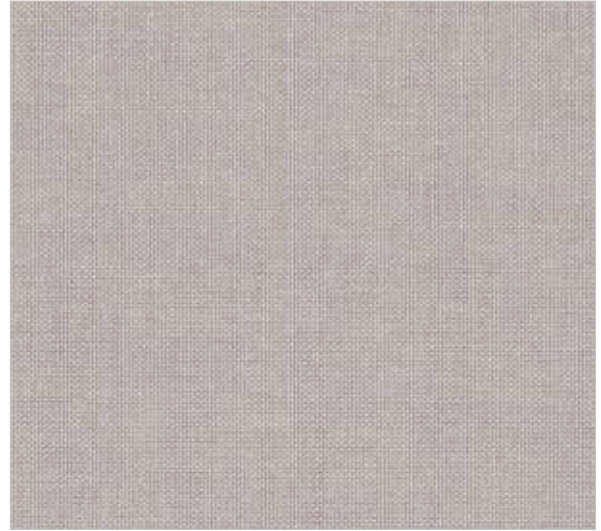
Tecno Alu

Tecno Alu 2%



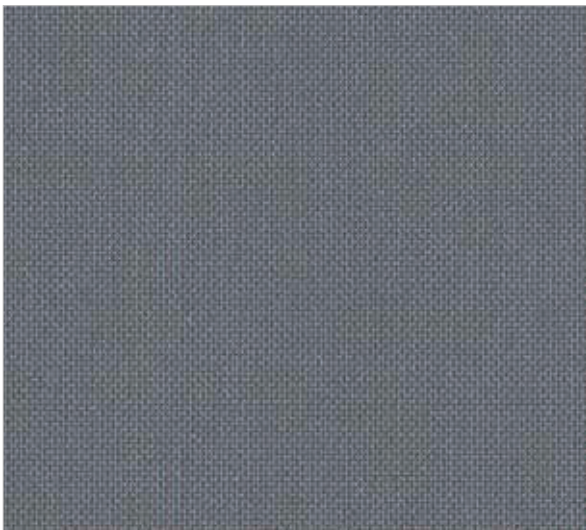
6090

Rich Black



10929

Dune



10950

Deep Grey



10192

Ultra White



10930

Silver

Tecno Alu 2%



PVC-, halogen- and antimony-free finish

improved glare control in light colours

improved visual contact in light colours

textile appearance



high reflection in all colours



low thermal emissivity (low E)



very good acoustic properties



improved colour rendering index

colour	optical factors										thermal factors						
	fabric						classification				fabric				fabric + glazing		
	visible light (%)						glare control	night privacy	visual contact	daylight utilisation	solar radiation (%)				IR ϵ	glazing D <small>g=0,32 Ug=1,1</small>	
	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
6090	3	40	57	2,6	0,5	98	3	2	2	1	7	44	49	3	0,50	0,27	2
10192	9	44	47	2,3	6,7	98	2	2	1	1	9	46	45	9	0,43	0,27	2
10929	8	44	48	1,9	6,0	98	2	2	1	1	8	45	47	7	0,50	0,27	2
10930	8	45	47	2,4	5,7	97	2	2	1	1	9	46	45	8	0,46	0,27	2
10950	5	42	53	2,2	2,5	98	3	2	2	1	7	44	49	5	0,50	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.

Tecno Alu 2%



Article		40973 	70730 	70830 
Width		240 cm / 94"	89 mm / 3,5"	127 mm / 5"
Base material		100 % polyester	100 % polyester	100 % polyester
Weight approx.	EN 12127	255 g/m ² / 7,5 oz/yd ²	255 g/m ² / 7,5 oz/yd ²	255 g/m ² / 7,5 oz/yd ²
Thickness approx.	EN ISO 5084	0,50 mm / 0,020"	0,50 mm / 0,020"	0,50 mm / 0,020"
Openness factor OF	EN 14500	2 %	2 %	2 %
Flame retardancy		B1 / M1 / C1 / NFPA 701		
Sound absorption	EN ISO 354 ASTM C423	$\alpha_w = 0,45$ NRC = 0,45	$\alpha_w = 0,45$ NRC = 0,45	$\alpha_w = 0,45$ NRC = 0,45
Light fastness (window side)	EN ISO 105-B02	7	7	7
Tensile properties: Determination of max. force Elongation at max. force	EN ISO 13934-1	warp: > 140 daN - weft: > 120 daN warp: approx. 30 % - weft: approx. 35 %		
Suitable for moist atmosphere		no	no	no
Manufacturing guidance		to cut with ultrasonic knife, non-railroading (fabric length for drop)	to manufacture with welding agent or to sew up	
Roll length approx.		40 m / 44 yd	150 m / 164 yd	150 m / 164 yd
Care instruction		vacuum cleaning	vacuum cleaning	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



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.



made in Germany