

SUN PROTECTION

SPIRIT BLACK-OUT 1163

Number	Colour	Width mm			Light Properties			Solar Properties			Light Fastness	Gtot - value	FC - value
		89	127	2300	R	T	A	R	T	A			
1083	white	✓	✓	✓	61%	0%	39%	59%	0%	41%	6-7	0,39	0,56
2345	cream	✓	✓	✓	49%	0%	51%	47%	0%	53%	6-7	0,44	0,63
2346	mushroom	✓	✓	✓	47%	0%	53%	48%	0%	52%	6-7	0,45	0,64
9212	light grey	✓	✓	✓	61%	0%	39%	59%	0%	41%	6-7	0,39	0,56
9213	granit	✓	✓	✓	47%	0%	53%	47%	0%	53%	6-7	0,45	0,64
9161	anthracite	✓	✓	✓	44%	0%	56%	40%	0%	60%	6-7	0,46	0,66

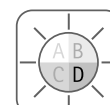
All printed colours and textures only provide orientation and are not reference pattern.

Usable for Roller / Vertical / Panel Track
 Colour Range 6
 Composition 100 % PES
 Width 89 / 127 / 2300 mm
 Cutting Process cold
 Processing Direction warp

Weight 350 g/m²
 Thickness 0,45 mm
 Moisture proofed yes
 PVC free yes
 Halogen free yes
 OekoTex yes



suitable for workstations



D black-out



Standard 100 by Oeko-Tex®



by Gerhard van Clewe GmbH & Co.KG

R = Reflection, T = Transmission, A = Absorption • All light & solar properties have been tested internally or externally. • Gtot: measure total solar energy that passes through the glazing system and the fabric • Fc-value: Relation between the total energy transmittance of glazing combined with the sun shading device gtot in combination with total energy transmittance of glazing g. • All technical properties are subjected to production-related deviations. All fabrics are in line with the REACh regulation • All substances, mentioned in the icons, are not used acc. to our recipe. • Finished by a STeP certified company.