

SOLAR AND OPTICAL PROPERTIES

SOLAR GAIN

The amount of heat increase resulting from solar energy entering a room. It is the total of 3 separate parts – the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and a proportion of the energy which is absorbed by the window

SHADING CO-EFFICIENT

The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, therefore. The higher the efficiency of the fabric

G-TOT

The total solar energy transmittance entering a building through a window and shading device combined. It is the ratio of total energy hitting the building and the amount that gets through the glazing and shading. The lower the GTOT value, the lower the heat gain to the building

SIROCCO SOLAR & OPTICAL PERFORMANCE																		
	Solar			Visible			UV Block	Solar Block	QRF	CF	GTOT				SC			
	RS %	TS %	AS %	RV %	TV %	AV %					SG	DG	TG	DGLE	SG	DG	TG	DGLE
Gesso	72	0	28	84	0	16	100	100	7.8	6	0.26	0.30	0.32	0.32	0.30	0.35	0.37	0.37
Haze	69	0	31	83	0	18	100	100	7.6	6	0.27	0.32	0.33	0.33	0.32	0.36	0.38	0.38
Sense	50	0	50	60	0	39	100	100	5.5	6	0.36	0.40	0.39	0.41	0.42	0.45	0.45	0.47
Stone	48	0	58	57	0	43	100	100	2.6	6	0.38	0.41	0.40	0.42	0.44	0.47	0.46	0.49
Pewter	24	0	76	59	0	71	100	100	2.6	6	0.50	0.52	0.49	0.53	0.58	0.60	0.56	0.60
Pitch	5	0	95	5	0	95	100	100	0.5	6	0.62	0.62	0.57	0.62	0.71	0.71	0.65	0.71

GLOSSARY

T: % Transmittance.
R: % Reflectiveness.
A: % Absorption.
UV Block: Percentage of UV light blocked by the fabric.

QRF: Quick Reference Factor.
CF: Colour Fastness.
gtot: The solar factor entering a building through a window and the shading device combined.

SC: Shading Co-efficient.
SG: Single Glazing.
DG: Double Glazing.
TG: Triple Glazing.
DGLE: Double Glazing Low Emissivity.

SIROCCO



SIROCCO

Sirocco PVC fabric has been designed with a contemporary horizontal textured finish, bringing a new level of aesthetic appeal to PVC fabrics. Sirocco's multifunctional properties, include blockout capabilities, flame retardancy (FR), and easiwipe™ maintenance.

FR FABRIC
TEXTURED PVC

Available in 6 colourways and as 1.83m roller and 89mm vertical fabric, Sirocco presents a perfect window covering solution for commercial applications.

SIROCCO SPECIFICATION

Colour range	6
Roller Length	24m
Roller Width	1.83m
Vertical Widths	89mm
Vertical Roll Length	95m
Fabric Composition	3ply Vinyl, 1ply FG
Weight	475g/m ²
Thickness	0.37mm
FR Standards	BS5867: 2008 Part 2 Type B in accordance with BS EN ISO 15025:2002 Procedure A
Direction on Roll	Single Directional
Cut	Cut by drop



GESSO

LP6015 - 89mm
RP6015 - 1.83m



HAZE LP6016 - 89mm
RP6016 - 1.83m



SENSE LP6017 - 89mm
RP6017 - 1.83m



STONE LP6018 - 89mm
RP6018 - 1.83m



PEWTER LP6019 - 89mm
RP6019 - 1.83m



PITCH LP6020 - 89mm
RP6020 - 1.83m