



DIM OUT SPC

CARNIVAL SPC® LOW E

ROLLER, ROMAN, VERTICAL AND PANEL BLINDS

These 6, flame retardant, Carnival colours feature a solar protective coating with Low E to enhance the reflection of light and heat, reducing solar gain entering a building.

Carnival SPC® Low E features SPC®, Ultra-Fresh™* and Pollergen™.

Composition: 100% Polyester

Fabric Width: 2.05m (80")

Louvre Width: 89mm (3½") or 127mm (5")

Weight: 262g/m² (7.7oz/yd²)



CARNIVAL SPC® LOW E

SOLAR, OPTICAL AND COLOUR FASTNESS PROPERTIES

	SOLAR			OPTICAL							G VALUE				G TOT
	T _s	R _s	A _s	T _O	R _O	A _O	UV block	SC	CF	DIM out	SG	DG	TG	DG LE	
Anchor	7	80	13	5	86	9	100	0.23	6	3	0.25	0.29	0.31	0.31	0.11
Flax	13	79	8	10	88	2	100	0.24	6	3	0.27	0.30	0.31	0.31	0.15
Linen	11	81	8	8	90	2	100	0.27	6	3	0.25	0.29	0.30	0.31	0.13
Platinum	12	76	12	7	84	9	100	0.27	6	3	0.28	0.32	0.32	0.32	0.15
Shell	13	79	8	11	88	1	100	0.24	6	3	0.27	0.30	0.31	0.31	0.15
Stone	12	77	11	8	86	6	100	0.26	6	3	0.28	0.31	0.32	0.32	0.15

T: % Transmittance
R: % Reflectance
A: % Absorption

UV Block: the % of UV light blocked by the fabric
SC: Shading Co-efficient
CF: Colour Fastness

Dim out:
1 = High light penetration
4 = Low light penetration
5 = Blackout

G Value: amount of heat transmitted through the glazing
SG: Single Glazed

DG: Double Glazed
TG: Triple Glazed
DG LE: Double Glazed Low Emissivity.

GTOT: The amount of heat transmitted through the combination of glass and solar shading.

SOLAR GAIN

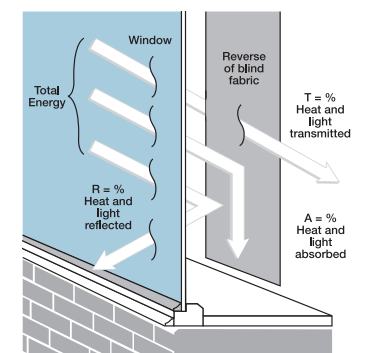
The amount of heat increase resulting from solar energy entering a room. It is the total of three separate parts - the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and the proportion of energy which is absorbed by the window.

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. The test results in the table above have been achieved using a single 6mm glass glazing system.

GTOT

When the G-value (a measure of total solar energy that passes through the glazing system and the blind fabric) of the glazing is combined with the value of the shading.



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Manufactured in the UK

CI/SfB 1976 reference by SfB Agency

(76.7) X

S060601-19-CaL 11.18

CARNIVAL SPC® LOW E

Fabric Composition

100% polyester

Fabric Width

2.05m (80")

Vertical Louvre Width

89mm (3½") or 127mm (5")
Other widths available on request

Fabric Weight

262g/m² (7.7oz/yd²)

Flammability Standards

Carnival SPC® Low E meets FR standard BS 5867 Part 2 Type B.
Further information is available on request.

Colour Fastness

Tested in accordance with BS EN ISO 105-B01:1999

Cleaning

Carnival SPC® Low E vertical fabrics are machine washable, other Carnival fabrics can be wiped clean. See manufacturers instructions. Tested in accordance with BS EN 26330:1994 method 7a.

Ultra-Fresh™*

A fabric treated with Ultra-Fresh* protects against the growth of odour causing bacteria and fungi, preserving fabric freshness.

*Ultra-fresh is a registered trademark of Thomson Research Associates, Canada.

Pollergen™

Fabrics treated with Pollergen™ help relieve hayfever symptoms. On contact, Pollergen™ treated blinds denature up to 50% of grass pollen entering a room. A deployed blind is the most effective.

Greenshield

Fabrics featuring Greenshield have been tested to confirm no harmful VOC's or hazardous substances will be released into the environment in quantities that are recognised as potentially dangerous to occupants of dwellings or buildings.

SPC®

A Solar Protective Coating applied to the reverse of the fabric that reduces glare, reflects and filters light more effectively than conventional fabrics.

Properties

