

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 then efficiency of the fabric

G-TOT
The total solar energy transmittance entering a building through a window and shading device combined. It is the ration 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

PLAZA SOLAR & OPTICAL PERFORMANCE																		
	Solar			Visible			UV Block %	Solar Block	QRF	CF	GTOT				SC			
	RS %	TS %	AS %	RV %	TV %	AV %					SG	DG	DGLE	TG	SG	DG	DGLE	TG
Touch	72	0	28	81	0	19	100	100	8	6	0.29	0.33	0.34	0.34	0.33	0.38	0.40	0.39
Sense	63	0	37	73	0	27	100	100	7	6	0.30	0.34	0.35	0.34	0.34	0.39	0.40	0.40
Steel	44	0	56	52	0	48	100	100	5	6	0.41	0.43	0.44	0.42	0.47	0.50	0.51	0.48
Whisper	64	0	36	74	0	27	100	100	7	6	0.30	0.34	0.35	0.35	0.35	0.39	0.41	0.34
Graphite	28	0	72	30	0	70	100	100	3	6	0.52	0.53	0.53	0.50	0.59	0.61	0.61	0.57
Stone	50	0	49	60	0	29	100	100	6	6	0.37	0.40	0.41	0.39	0.42	0.46	0.46	0.45

PLAZA

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.



PLAZA

BLOCKOUT PVC
FR FABRIC

Presenting a contemporary aesthetic whilst boasting the practicalities of a durable PVC fabric, Plaza’s blockout linear design enhances the aesthetic of the PVC fabric. With its easiwipe ™ and FR properties, Plaza is an ideal addition for any commercial application, especially in areas of high moisture.

PLAZA SPECIFICATION	
Colour Range	6
Roller Length	30m
Roller Width	1.83m
Vertical Widths	89mm
Vertical Roll Length	90m
Fabric Composition	3ply Vinyl, 1ply Fibre Glass
Weight	380g/m ²
Thickness	0.30mm
FR Standards	BS 5867-2 : 2008 Part 2 : Type B
Direction on Roll	Single Directional
Cut	Cut by drop



TOUCH

LP6009 - 89mm
RP6009 - 1.83m



SENSE

LP6010 - 89mm
RP6010 - 1.83m



STEEL

LP5122 - 89mm
RP5122 - 1.83m



WHISPER

LP5125 - 89mm
RP5125 - 1.83m



GRAPHITE

LP5121 - 89mm
RP5121 - 1.83m



STONE

LP5123 - 89mm
RP5123 - 1.83m