



JB Commercial
Shadings

BLOCKOUT

SOLAR AND OPTICAL PROPERTIES

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 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.

UNISHADE® SOLAR AND OPTICAL PERFORMANCE																		
	Solar			Visible			UV Block %	Solar Block %	QRF	CF	GTOT				SC			
	RS %	TS %	AS %	RV %	TV %	AV %					SG	DG	DGLE	TGLE	SG	DG	DGLE	TGLE
Naro	72	0	28	78	0	22	100	100	8	6	0.29	0.32	0.33	0.33	0.33	0.37	0.38	0.38
White	73	0	27	85	0	15	100	100	8	6	0.28	0.32	0.33	0.32	0.33	0.37	0.38	0.37
Shell	72	0	28	82	0	18	100	100	8	6	0.29	0.33	0.33	0.33	0.34	0.38	0.38	0.38
Cream	74	0	26	85	0	15	100	100	8	6	0.28	0.31	0.32	0.32	0.32	0.36	0.37	0.37
Beige	57	0	43	60	0	40	100	100	6	6	0.38	0.40	0.38	0.37	0.43	0.46	0.44	0.43
Taupe	48	0	52	47	0	53	100	100	5	6	0.43	0.45	0.41	0.40	0.49	0.51	0.47	0.46
Chocolate	19	0	81	19	0	81	100	100	2	6	0.60	0.60	0.51	0.48	0.69	0.68	0.58	0.55
Dove	54	0	46	55	0	45	100	100	5	6	0.39	0.42	0.39	0.38	0.45	0.48	0.45	0.44
Ash	37	0	63	38	0	62	100	100	4	6	0.49	0.50	0.45	0.43	0.57	0.58	0.51	0.49
Charcoal	18	0	82	18	0	82	100	100	2	6	0.61	0.60	0.51	0.48	0.70	0.69	0.58	0.56
Flint	20	0	80	21	0	79	100	100	2	6	0.59	0.59	0.50	0.48	0.68	0.68	0.58	0.55
Kara	12	0	88	11	0	89	100	100	1	6	0.64	0.63	0.53	0.50	0.74	0.73	0.61	0.58
Black	6	0	94	6	0	94	100	100	1	6	0.68	0.66	0.55	0.52	0.78	0.76	0.63	0.60
Luna	56	0	44	68	0	32	100	100	6	6	0.38	0.40	0.38	0.37	0.44	0.47	0.44	0.43
Rayon	49	0	51	29	0	71	100	100	4	6	0.42	0.44	0.41	0.39	0.49	0.51	0.47	0.45
Red	44	0	56	18	0	82	100	100	3	6	0.45	0.47	0.42	0.41	0.52	0.54	0.49	0.47
Morello	32	0	68	12	0	88	100	100	2	6	0.52	0.53	0.46	0.44	0.60	0.61	0.53	0.51
Mulberry	19	0	81	11	0	89	100	100	1	6	0.60	0.59	0.50	0.48	0.69	0.68	0.58	0.55
Atmosphere	53	0	47	51	0	49	100	100	5	6	0.40	0.42	0.40	0.38	0.46	0.49	0.45	0.44
Batik	56	0	44	47	0	53	100	100	5	6	0.39	0.41	0.39	0.37	0.44	0.47	0.44	0.43
Kiwi	44	0	56	42	0	58	100	100	4	6	0.45	0.47	0.42	0.41	0.52	0.54	0.49	0.47
Glade	25	0	75	14	0	86	100	100	2	6	0.57	0.56	0.49	0.46	0.65	0.65	0.56	0.53
Escape	34	0	66	19	0	81	100	100	3	6	0.51	0.52	0.46	0.44	0.59	0.60	0.52	0.50
Cyan	41	0	59	22	0	78	100	100	3	6	0.47	0.48	0.43	0.42	0.54	0.55	0.50	0.48
Lapis	15	0	85	11	0	89	100	100	1	6	0.63	0.62	0.52	0.49	0.72	0.71	0.60	0.57
Navy	9	0	91	7	0	93	100	100	1	6	0.66	0.65	0.54	0.51	0.76	0.74	0.62	0.59

Gtot and SC values in accordance with: EN Calculations 52022-1, EN Reference Glazing EN 52022-2

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.

TGLE: Triple Glazing Low Emissivity.

DGLE: Double Glazing Low Emissivity.



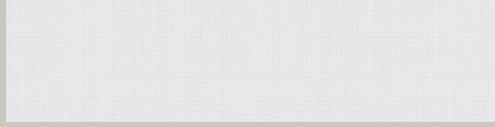
NARO

RP5687 2m
RP5688 2.5m
RP5689 3m
LP5598 89mm
LP5599 127mm



DOVE

RP5580 2m
RP5592 2.5m
RP5604 3m
LP5529 89mm
LP5541 127mm



WHITE

RP5584 2m
RP5596 2.5m
RP5608 3m
LP5533 89mm
LP5545 127mm



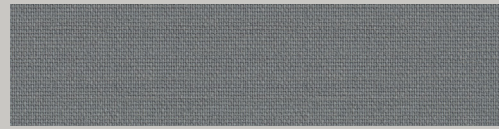
ASH

RP5573 2m
RP5585 2.5m
RP5597 3m
LP5522 89mm
LP5534 127mm



SHELL

RP5681 2m
RP5682 2.5m
RP5683 3m
LP5594 89mm
LP5595 127mm



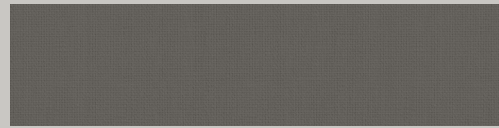
CHARCOAL

RP5576 2m
RP5588 2.5m
RP5600 3m
LP5525 89mm
LP5537 127mm



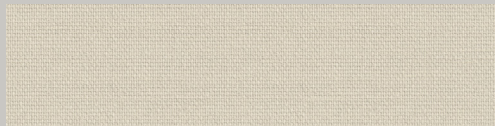
CREAM

RP5578 2m
RP5590 2.5m
RP5602 3m
LP5527 89mm
LP5539 127mm



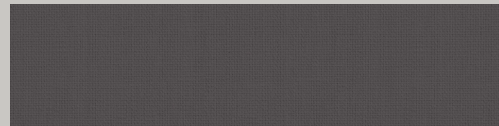
FLINT

RP5684 2m
RP5685 2.5m
RP5686 3m
LP5596 89mm
LP5597 127mm



BEIGE

RP5574 2m
RP5586 2.5m
RP5598 3m
LP5523 89mm
LP5535 127mm



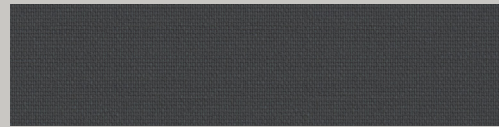
KARA

RP5651 2m
RP5652 2.5m
RP5653 3m
LP5574 89mm
LP5575 127mm



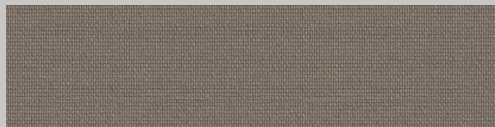
TAUPE

RP5583 2m
RP5595 2.5m
RP5607 3m
LP5532 89mm
LP5544 127mm



BLACK

RP5575 2m
RP5587 2.5m
RP5599 3m
LP5524 89mm
LP5536 127mm



CHOCOLATE

RP5577 2m
RP5589 2.5m
RP5601 3m
LP5526 89mm
LP5538 127mm



LUNA

RP5654 2m
RP5655 2.5m
RP5656 3m
LP5576 89mm
LP5577 127mm



KIWI

RP5669 2m
RP5670 2.5m
RP5671 3m
LP5586 89mm
LP5587 127mm



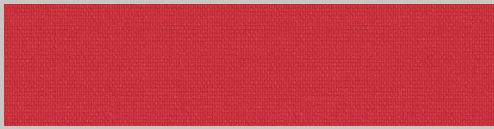
RAYON

RP5657 2m
RP5658 2.5m
RP5659 3m
LP5578 89mm
LP5579 127mm



GLADE

RP5672 2m
RP5673 2.5m
RP5674 3m
LP5588 89mm
LP5589 127mm



RED

RP5582 2m
RP5594 2.5m
RP5606 3m
LP5531 89mm
LP5543 127mm



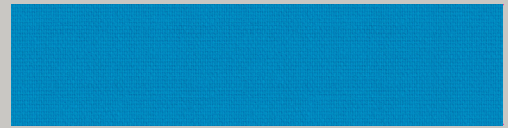
ESCAPE

RP5675 2m
RP5676 2.5m
RP5677 3m
LP5590 89mm
LP5591 127mm



MORELLO

RP5690 2m
RP5691 2.5m
RP5692 3m
LP5600 89mm
LP5601 127mm



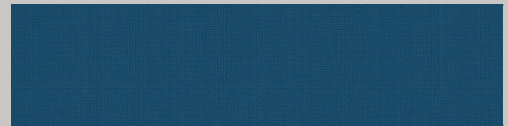
CYAN

RP5579 2m
RP5591 2.5m
RP5603 3m
LP5528 89mm
LP5540 127mm



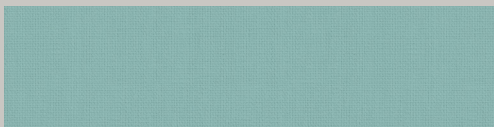
MULBERRY

RP5660 2m
RP5661 2.5m
RP5662 3m
LP5580 89mm
LP5581 127mm



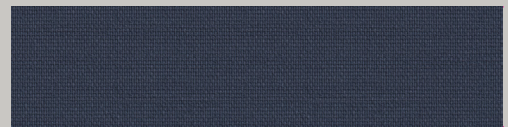
LAPIS

RP5678 2m
RP5679 2.5m
RP5680 3m
LP5592 89mm
LP5593 127mm



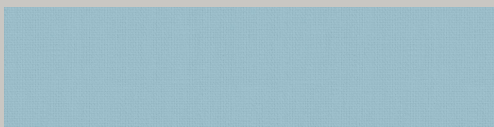
ATMOSPHERE

RP5663 2m
RP5664 2.5m
RP5665 3m
LP5582 89mm
LP5583 127mm



NAVY

RP5581 2m
RP5593 2.5m
RP5605 3m
LP5530 89mm
LP5542 127mm



BATIK

RP5666 2m
RP5667 2.5m
RP5668 3m
LP5584 89mm
LP5585 127mm

Unishade® offers a blackout collection of plain fire retardant fabrics, perfect for contract environments.



Presented in a palette of 26 distinctive colours and a range of roller and vertical widths, Unishade® offers the ultimate flexible contract solution.

Roller widths: 2m, 2.5m & 3m
Vertical widths: 89mm & 127mm

Unishade® fulfil environmental standards in accordance with the ISO 14001 Environmental Management System. It is ensured that all products are manufactured under environmental protection without adding harmful substances.

UNISHADE® BLOCKOUT SPECIFICATION	
Colour Range	26
Roller Roll Length	(2m: 30m) (2.5/3m: 20m)
Roller Roll Width	2m / 2.5m / 3m
Vertical Roll Length	100m
Vertical Widths	89mm / 127mm
Fabric Composition	100% Polyester
Weight	368g/m2
Thickness	0.40mm +/- 0.05mm
Care & Washing	Do not soak. Clean by gently wiping with a sponge
Availability	Ex-Stock
Colour Fastness	BS EN ISO 105 - B02 : 2014 - BS6
Flammability Standards	BS 5867-2 : 2008 Type B in accordance with BS EN ISO 15025: 2002 Procedure A
Samples	Fabric samples available on request
Property	Blockout
Direction on Roll	Multi-directional



