

CONTRACTORS

SPECIFIERS

ARCHITECTS



# Tessera

Performance Fabrics for Roller & Vertical Blinds

ARCHITECTS    SPECIFIERS    CONTRACTORS

C/SfB 1976 reference by SfB Agency			
(76.7)	X		





# Tessera

## Performance Fabrics for Roller & Vertical Blinds

COLOUR RANGE	5
ROLLER BLIND WIDTH	2.5m (98.4")
FABRIC COMPOSITION	75% pvc 25% polyester
FABRIC WEIGHTS	415g/m <sup>2</sup> (12.2oz/yd <sup>2</sup> )
FLAMMABILITY STANDARDS	Complies with BS 5867 (1980 Part 2, Type B) CAN/ULC-S109-03 NFPA 701 (Large) AS/NZS 1530.3 – 1999
COLOUR FASTNESS	Tested in accordance with BS EN ISO 105-B01:1999
OPENNESS	3%
CLEANING	Wipe clean
ULTRAVIOLET PROTECTION FACTOR (UPF)	The UPF protection factor is comparable to the sun protection factor of sunscreen which can vary considerably depending on the individual skin types. When protected by a textile material with a UPF of 80, for example, this individual can extend how long they are able to stay in the sun by a factor of 80, in other words, up to a maximum of 80 x 5 min = 400 min to 80 x 10 min = 800 min, without risking damage to their skin.
GTOT	A measure of total solar energy that passes through the glazing system and the fabric.
AVAILABILITY	Ex-stock
FABRIC SAMPLES	Available on request

### AT A GLANCE



roller blind



vertical blind



flame retardant



wipe clean

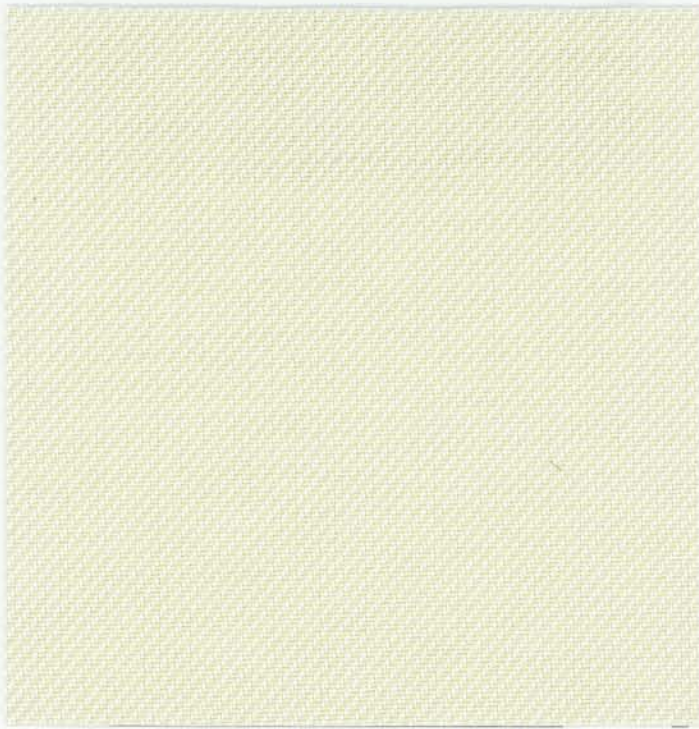


UV Protection Factor tested to European UV Standard 801

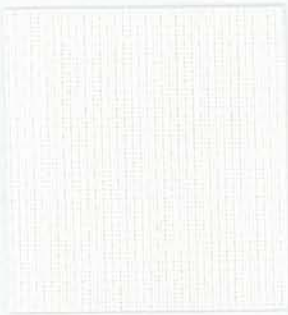


Colours reproduced here may vary from the actual colours due to the limitations of the printing process. Great care has been taken to ensure that the fabric swatches and the information supplied are correct, however specifiers and customers are advised to check the suitability of materials before use.

LARGER SAMPLES ARE AVAILABLE ON REQUEST.



beige



white



grey



steel



black

Fabrics are best viewed at 200% resolution to give best indication of colour. Better still please contact us for physical samples.



# SOLAR, OPTICAL AND COLOUR FASTNESS PROPERTIES

## SHADING CO-EFFICIENT

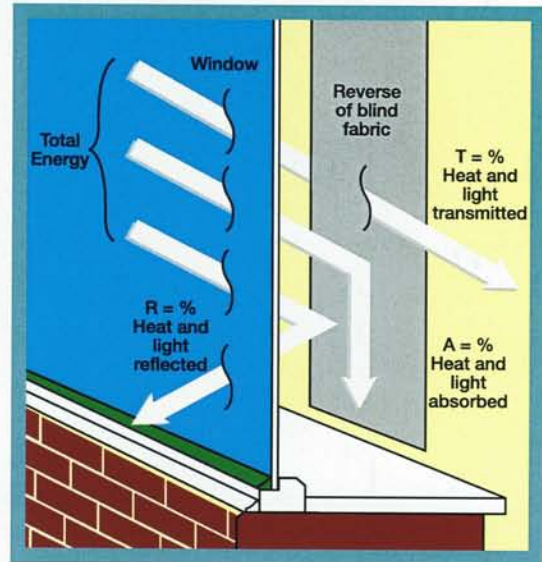
The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, therefore, the higher the efficiency of the fabric. The test results in the table below have been achieved using a single 6mm glass glazing system.

## ULTRAVIOLET PROTECTION FACTOR (UPF)

The UPF protection factor states how long someone using sun protective textiles can stay in the sun without suffering skin damage. The UPF is comparable to the sun protection factor of sunscreen which can vary considerably depending on the individual skin types.

A person with a very fair complexion has a protection time of approximately 5 - 10 minutes. If they are exposed to the sun for longer without protection, they risk skin damage.

When protected by a fabric with UPF 80, this individual can extend how long they are able to stay in the sun by a factor of 80, i.e. up to a maximum of 6 to 13 hours (80 x 5 min = 400 min to 80 x 10 min = 800 min), without risking skin damage.



TESSERA	SOLAR, OPTICAL PERFORMANCE CHART													
	SOLAR			OPTICAL			SC	CF	DIM out	UPF	SG	G TOT		
T <sub>s</sub>	R <sub>s</sub>	A <sub>s</sub>	T <sub>o</sub>	R <sub>o</sub>	A <sub>o</sub>	DG						TG	DG LE	
Beige	19	66	15	16	72	12	0.36	6+	3	15	0.552	0.564	0.531	0.584
Black	3	4	93	3	4	93	0.96	6+	3	15	0.560	0.570	0.536	0.589
Grey	12	44	44	9	46	45	0.57	6+	3	15	0.554	0.565	0.532	0.585
Steel	11	43	46	7	43	50	0.58	6+	3	15	0.551	0.563	0.531	0.584
White	22	72	6	20	80	0	0.30	6+	2	15	0.558	0.567	0.534	0.586

T: % Transmittance R: % Reflectance A: % Absorption SC: Shading Co-efficient CF: Colour Fastness Dim out: 1= High light penetration, 4= Low light penetration, 5= Blackout  
UPF: Ultraviolet Protection Factor GTOT: SG = Single Glazed, DG = Double Glazed, TG = Triple Glazed, DG LE = Double Glazed Low Emissivity.

## FIRE PROTECTION

Tessera has been submitted for testing to various FR standards. The fabric has met the standards listed below. Further information is available on request.

BS 5867 1980 Part 2 Type B | CAN/ULC-S109-03 | NFPA Large | AS/NZS 1530.3 - 1999



PENTEL

North West, West Midlands & Wales

Pentel Contracts Limited • Dyer Street, off Ordsall Lane  
Salford • Manchester • M5 4TH

t • 0161 872 7642 f • 0161 872 7636

e • info@pentel-contracts.com www.pentel-contracts.com



DEARNLEYS

Rest of UK

Dearnleys Limited • 120-128 Wrenthorpe Road  
Wrenthorpe • Wakefield • W. Yorkshire WF2 0JN

t • 01924 371 791 f • 01924 386 001

e • info@dearnleys.com www.dearnleys.com