

# Fabric

## Greenscreen - Evolution



Note: Colours are as close as the printing process allows.



### AVAILABLE IN 12 COLOURS

NZWS has launched a new fabric called GREENSCREEN™ Evolution that is not only environmentally sound, but also retains many of the traditional Sunscreen fabric benefits of reducing unwanted glare and light from entering a building.

The knitted lineal pattern of GREENSCREEN™ ensures the fabric remains stable over the lifecycle of the finished product. It also means the fabric rolls easily with minimal telescoping.

### FEATURES

### BENEFITS

<p>Chain Drive Roller Blind    Panel Glide</p>	<p>Available in either Roller Blind or Panel Glide applications, the beautifully knitted fabric provides a fresh, new look for window treatments.</p>
<p>12 colours</p>	<p>A full range of neutrals and new season designer colours.</p>
<p>UV Resistant</p>	<p>All colours meet New Zealand Standards for colourfastness to resist fading.</p>
	<p>Suitable for a range of commercial and domestic applications.</p>
<p>Solar Optical Properties</p>	<p>Whilst allowing you to maintain your view, Sunscreen fabrics improve the transportation of natural daylight and reduce the level of glare in any room.</p>
	<p>GREENSCREEN™ has been tested and meets maximum VOC content compliance criteria in IEQ-11 of the Green Building Council of Australia.</p>

### AVAILABILITY

Roller Blinds and Panel Glide are now available in GREENSCREEN™ Evolution Fabric.

## Greenscreen™ Evolution



<b>Composition &amp; Weight</b> Knitted Polyester 165gsm ± 20	<b>Colourfastness [AS 2001.2.3-1988]</b> 6-7 Blue Scale
<b>Thickness</b> 0.35mm (Approx)	<b>Available Roll Sizes</b> 2.48m x 20m [Nom]
<b>Assembly</b> Ultrasonic Cutting Recommended	<b>Applications</b> Chain Drive Roller and Panel Glide
<b>Stiffness [AS 2001.2.9-1977]</b> 44mm ± 5	<b>Colour Accuracy</b> Delta E ≤ 1.5
<b>Tear Resistance [AS 2001.2.10]</b> Warp >30N ± 10N Weft > 35N ± 10N	

\* We recommend conducting independent manufacturing trials, as equipment may vary between manufacturers.

## Solar Optical properties Greenscreen™ Evolution

	Heat Transmission	Heat Reflectance	Heat Absorption	Light Transmission	Light Reflection	Light Absorption	Ultra Violet Transmittance	Shading Coefficient	R Value Single Glazing
COLOUR	T <sub>s</sub>	R <sub>s</sub>	A <sub>s</sub>	T <sub>L</sub>	R <sub>L</sub>	A <sub>L</sub>	T <sub>uv</sub>	Sc	R <sub>1</sub>
MIDNIGHT	19	24	57	4	2	94	3	0.64	1.365
MIDNIGHT STORM	22	23	55	10	5	85	7	0.65	1.365
ECRU	34	32	34	26	22	52	16	0.62	1.365
PEARL	40	38	22	33	34	33	20	0.59	1.365
LINEN BEIGE	36	35	29	26	23	51	16	0.60	1.365
STORM	35	32	33	28	25	47	19	0.62	1.365
WHITE	48	44	8	42	51	7	12	0.57	1.365
LINEN	49	40	11	42	43	15	23	0.60	1.365
CHARCOAL BRONZE	25	26	49	12	6	82	9	0.64	1.365
LINEN WHITE	46	43	11	40	44	16	22	0.57	1.365
BRONZE	31	30	39	22	18	60	15	0.63	1.365
NATURAL WHITE	49	43	8	43	48	9	24	0.58	1.365

\* The Shading Coefficient (Sc) was determined using a single light of 1/8 inch double strength glass.

## Comfort Rating™

COLOUR	HEAT PROTECTION	INSULATION	SHADE FACTOR	GLARE REDUCTION	UV PROTECTION
MIDNIGHT	◆◆◆◆	◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆
MIDNIGHT STORM	◆◆◆	◆◆	◆◆◆◆	◆◆◆◆	◆◆◆◆
ECRU	◆◆◆	◆◆	◆◆	◆◆	◆
PEARL	◆◆◆	◆◆	◆	◆◆	◆
LINEN BEIGE	◆◆◆	◆◆	◆◆	◆◆	◆
STORM	◆◆◆	◆◆	◆◆	◆◆	◆
WHITE	◆◆◆◆	◆◆	◆	◆◆	◆◆
LINEN	◆◆◆	◆◆	◆	◆◆	◆
CHARCOAL BRONZE	◆◆◆	◆◆	◆◆◆	◆◆◆◆	◆◆◆
LINEN WHITE	◆◆◆◆	◆◆	◆	◆◆	◆
BRONZE	◆◆◆	◆◆	◆◆	◆◆	◆
NATURAL WHITE	◆◆◆◆	◆◆	◆	◆◆	◆

- ◆◆◆◆ Highest level of heat protection, insulation, shading, glare reduction or UV Protection.
- ◆◆◆ High level of heat protection, insulation, shading, glare reduction or UV Protection.
- ◆◆ Medium level of heat protection, insulation, shading, glare reduction or UV Protection.
- ◆ Low level of heat protection, insulation, shading, glare reduction or UV Protection.
- ◆ No heat protection, insulation, shading, glare reduction or UV Protection.

# The COMFORT RATING® has been developed by Hunter Douglas Limited with the assistance from Canesis Pty Ltd - an Independent Australian Fibre and Textile Research and Development Company.