





## **Internal Blockout Fabric**

Roller Blind | Panel Glide | Vertical Blind 89mm,100mm, 127mm, 2.4m & 2.8m widths

# Zen

#### **Technical Information**

Composition: 100% Polyester Thickness: 0.32mm  $\pm 0.10$ mm Weight: 350gsm ± 20gsm

Cutting\*: Ultrasonic, Knife Cut, Aeronaut Colourfastness: 6-7 Blue Scale (AS 2001.4.21)

Proudly Made in Australia Features:

Fire Fire Retardancy Information For

Retardancy: NON FR Products\*

> Suitable for all building classes except Class 9(b) entertainment venues. A summary of BCA requirements can be

provided on request.

\*Fabrics which are not FR treated, have been FR tested and have a Flammability of 6 and over or fabrics which are not FR treated and have not undergone FR testing.

Range:	Item:	Width:	Roll Length
	82.396.9XX	2800mm	25MT
	82.391.9XX	2400mm	25MT
	82.058.9XX	127mm	100MT
	82.050.9XX	100mm	100MT
	82.038.9XX	89mm	100MT

#### Care & Cleaning:

Dusting with a feather duster is all that is required to keep your fabric looking good. For the removal of stains, dirt and grime, gently wipe fabric skins with a sponge soaked in lukewarm water. If marks are still visible, add a little detergent. Then dry gently with a clean cloth. Test in inconspicuous area before spot cleaning.

### Thermal & Visual Properties

Thermal Comfort				Glazing & Fabric				Visual Comfort		
Colour	Ts	Rs	As	GTOT A	GTOT B	GTOT C	GTOT D	G Value	TL	RL
Bounty	0	73	27	28.7	32.1	33	24.2	7	0	88
Cluster	0	72	28	29.2	32.6	33.4	24.3	7.3	0	86
Martini	0	60	40	36	38.5	37.1	25.4	10.2	0	71
Mario	0	46	54	44.3	45.8	41.8	26.7	13.9	0	48
Gravity	0	9	91	65.8	64.6	53.7	30	23.4	0	11
Zelda	0	14	86	63.3	62.4	52.3	29.6	22.3	0	16
Yen	0	5	95	-	-	-	-	-	0	5

Solar protection indicators are laboratory-tested.

The most relevant and widely used thermal comfort factors include:

#### THERMAL COMFORT

#### Fabric Only

Ts Solar Transmittance (%) Rs Solar Reflectance (%) As Solar Absorbance (%)

Solar radiation is always partially transmitted through, absorbed or reflected by the fabric. The sum of all 3 equals 100. Ts + Rs + As = 100 % of solar energy.

#### Fabric & Glazing

Test data has been supplied using the following glazing types:

- A Clear single glazing (4mm float)
- **B** Clear double glazing (4mm float + 12mm space
- + 4mm float]
- · C Double glazing low-e coating and argon filled [4mm float + 16mm space + 4mm float]
- · D Reflective double glazing with low-e coating and argon filled (4mm + 16mm space + 4mm

floatl

#### GTOT (Range 0-1)

The Solar Heat Gain Coefficient (SHGC), measures the window's (fabric and glass) ability to transmit solar energy into a room. The SHGC is commonly referred to as g-tot. SHGC/g-tot is a calculation of the g-values of the solar protection device [fabric] and the glazing (A, B, C, D). The lower the GTOT value, the greater its ability to insulate against solar heat build-up.

#### VISUAL COMFORT

Fabric Only TL / TV Light Transmittance [%] RL Light Reflectance [%]

The fenestration property tests were conducted in accordance with EN 410 (1998), EN 14501:(2005), and EN 14500:(2008).

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