

# Petra

**Blockout** Petra

**Privacy Factor:** High

**Composition:** 100% Polyester Thickness: 0.72 +/- 0.10mm Weight: 499 gsm +/- 30gsm **Cutting Technique:** Ultrasonic, Aeronaut **Colourfastness:** 5 Blue Scale (AS 2001.4.21)

Roller Blind **Applications:** 

Proudly Made in Australia **Features:** 

Suitable for class 2-9(a) and (c) buildings. Fire Retardancy:

82.600.9XX Item: Width: 3000mm **Roll Length:** 20 metres **Roll Weight:** 38kg

Solar protection indicators are laboratory-tested.

The most relevant and widely used thermal comfort factors are as follows:

Thermal Comfort				Glazing & Fabric					Visual Comfort	
Colour	Ts	Rs	As	GTOT A	GTOT B	GTOT C	GTOT D	G Value	TL / TV	RL
Organic	0	74	26	28	32.7	32.7	32.7	6.8	0	83
Osprey	0	73	27	28.4	32.9	32.9	32.9	7	0	82
Symphony	0	73	27	28.4	32.9	32.9	32.9	6.9	0	80

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

## 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)
- ${f C}$  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 float)

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 (%)



#### Foam



#### **Brulee**

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# Organic



### **Osprey**



Oyster







Symphony