Optimascreen Plus

2.0m^ & 3.0m widths
Roller Blind • Roman Shade • Panel Glide
Colour Range: 13

Sunscreen Fabric

*Selected colours only

TECHNICAL	OPTIMASCREEN PLUS SUNSCREEN
Openness:	5%
Composition:	25% Polyester / 75% PVC
Thickness:	0.55mm ± 5%
Weight:	420 gsm ± 5%
Cutting Technique:	Ultrasonic, Knife Cut, Aeronaut
Tensile Strength:	Warp 170 / Weft 170 daN / 5cm^^
Tearing Resistance:	Warp 6.6 / Weft 7.0 daN^
Width:	2500mm* & 3000mm
Applications:	Roller Blind, Roman Shade & Panel Glide

FEATURES

green building council australia MEMBER

Optimascreen Plus fabric has been tested and does not exceed the maximum VOC (Volatile Organic Coumpound) criteria specified by the Green Building Council of Australia. (IEQ-11).

FIRE RETARDANCY INFORMATION

Independently tested to AS1530.2^ and AS1530.3* Suitable for Class 2 to 9(a) and (c) buildings as per BCA

Ignitability Index* (Range 0-20)	0
Spread of Flame Index* (Range 0-10)	0
Heat Evolved Index* (Range 0-10)	0
Smoke Developed Index* (Range 0-10)	5
Flammability Index^	8

PRODUCT RANGE

Item	Range	Width	Roll Length
NET5250NXXXH	Optimascreen Plus	2500mm	30 metres
NET5300NXXXH	Optimascreen Plus	3000mm	30 metres

Solar protection indicators are laboratory-tested. The most relevant and widely used thermal comfort factors are as follows:

THERMAL COMFORT				GTOT A	GTOT B	GTOT C	GTOT D
Colour	**Ts**	**Rs**	**As**	**Glazing and Fabric**			
White	20	66	14	-	-	-	-
Grey	32	59	9	-	-	-	-
Charcoal	5	5	90	-	-	-	-

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

VISUAL COMFORT

Colour	TL	RL	Tuv
White	12	-	4
Grey	7	-	5
Charcoal	6	-	5

VISUAL COMFORT
Fabric Only
TL Light Transmittance (%)
RL Light Reflectance (%)
Tuv Ultra Violet Transmittance (%)

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.

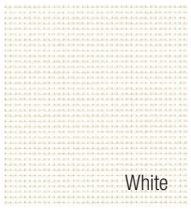
Fabric and Glazing
Test data has been supplied using the following glazing types:

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 float)

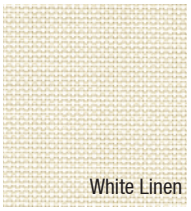
GTOT (Range 0-1)
The Solar Heat Gain Coefficient (SHGC), measures the window's (fabric and glass) ability to transmit solar energy into a room. The SHGC is commonly referred to as g-tot. SHGC/g-tot is a calculation of the g-values of the solar protection device (fabric) and the glazing (A, B, C, D). The lower the GTOT value, the greater its ability to insulate against solar heat build-up.

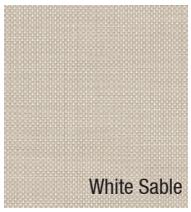
SWATCHING

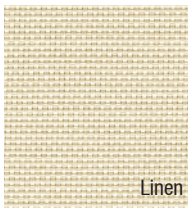
18.616.020 - A5 OPTIMASCREEN PLUS

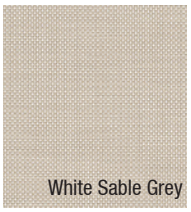

White

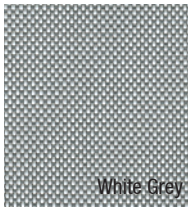
White/White Sable

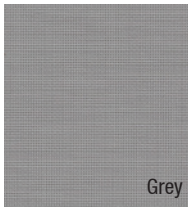

White Linen


White Sable

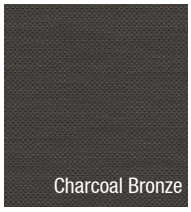

Linen

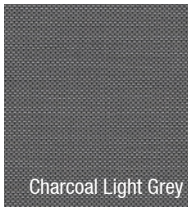

White Sable Grey

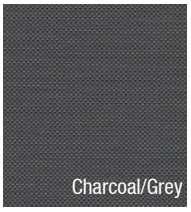

White Grey

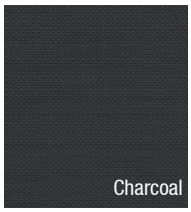

Grey

Charcoal Apricot


Charcoal Bronze


Charcoal Light Grey


Charcoal/Grey


Charcoal

CONTACT DETAILS

CARE & CLEANING

General Care: Dusting with a feather duster is all that is required to keep your fabric looking good. **Stains:** For the removal of dirt and grime, simply 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.

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

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