

ECOPLANET



METALISED AND NON METALISED Roller Blinds Applications

COLOUR RANGE

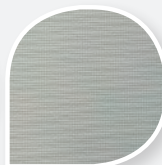
Metallised



Ebony



Smoke



Pebble



Pearl

Non Metallised



Ebony



Iron



Pebble



Shadow



Pearl



White

Note: Colours are as accurate as the printing process allows

ECOPLANET

Ecoplanet Sunscreen is a 100% PET (recycled plastic bottles) woven ECO-friendly fabric, containing a minimum of 70% recycled materials. It is PVC, Halogen, Lead and Formaldehyde free, where the range is focused on committing to a healthier approach for the environment. One square metre of Ecoplanet is made from four post-consumer PET bottles.

Features & Benefits

Opacity:

6 colours available in Non-Metallised and 4 colours in Metallised, all with 3% openness.

UV Resistant

All colours meet Australian Standards for colour fastness to resist fading. 6-7 Blue Scale (AS2001.4.21)



Healthy Environment

Ecoplanet Sunscreen Fabric has been tested and is Greenguard® Gold certified to meet strict certification criteria for low Volatile Organic Compound (VOC) emissions and is acceptable for use in environments such as schools and healthcare facilities (IEQ-11).

Visual Comfort

Ecoplanet avoids glare and filters up to 96% of UV radiation depending on colour, and allows a view of the exterior, while maintaining a good level of night-time privacy.



Energy Efficiency

The solar reflective coating of Ecoplanet Metallised contributes to energy savings by keeping most of the solar radiation outside the building. The aluminium coating acts as a shield that reduces air-conditioning in summer and provides insulation that reduces heating in winter.

Certified for
HP Latex Inks

HP Latex Print Compatible

Ecoplanet is compatible for printing with HP Latex Inks. Please refer to the HP Latex Printer Books for more information.

Ecoplanet Technical Specifications

Composition

100% Recycled PET

Fabric Weight

Metallised 218g/sm² ± 5%

Non-Metallised 182g/sm² ± 5%

Fabric Thickness

Metallised 0.44mm ± 10%

Non-Metallised 0.36mm ± 10%

Breaking Strength (AS 2001.2.3):

Metallised Warp >1862N, Weft >687N

Non-Metallised Warp >1303, Weft >598N

Tearing Resistance (AS 2001.2.10)

Metallised 140N Warp, 43N Weft

Non-Metallised 70N Warp, 53N Weft

Care and Cleaning

General Care

Vacuum gently with a brush attachment.

Stains

For the removal of dirt and grime, gently wipe fabric skins with a sponge soaked in lukewarm water. **DO NOT wash, rub or steam clean.**

Solar Optical Guide

METALLISED SOLAR OPTICAL PROPERTIES					G-TOT	
COLOUR	HEAT PROPERTIES			VISIBLE LIGHT PROPERTIES	GLAZING AND FABRIC	
	TS	RS	AS		TL/TV	GLAZING C
Pearl	7	45	48	6	0.38	0.25
Smoke	5	43	52	2	0.39	0.25
Pebble	8	45	47	8	0.38	0.25
Ebony	5	38	57	2	0.40	0.25

NON-METALLISED SOLAR OPTICAL PROPERTIES					G-TOT	
COLOUR	HEAT PROPERTIES			VISIBLE LIGHT PROPERTIES	GLAZING AND FABRIC	
	TS	RS	AS		TL/TV	GLAZING C
White	32	60	8	30	0.35	0.24
Shadow	30	55	15	26	0.36	0.24
Pebble	14	31	55	11	0.42	0.26
Iron	5	9	86	4	0.48	0.27
Pearl	9	19	72	7	0.46	0.27
Ebony	5	4	91	4	0.5	0.28

Solar Optical Properties Guide

TS	Heat Transmittance (%)
RS	Heat Reflectance (%)
AS	Heat Absorbance (%)
TL	Light Transmittance (%)
GTOT	% of solar energy transmitted through the blind and glazing

GTOT Glazing Guide

Glazing C	Clear double glazing with argon (4mm float + 16mm space + 4mm float)
Glazing D	Coated double glazing with argon (4mm float + 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 the room. The SHGC is commonly referred to as the 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.



Fire Retardancy Information

Independently tested to AS1530.2 and AS1530.3. Suitable for classes 1, 2 to 9(a) – (c) and 10 buildings as per BCA.

Metallised

Colour	Spread of Flame*	Heat Evolved*	Smoke Developed*	Ignitability*	Flammability*
Pearl	0	0	2	0	1
Smoke	0	0	2	0	1
Pebble	0	0	2	0	1
Ebony	0	0	2	0	1

Non-Metallised

Colour	Spread of Flame*	Heat Evolved*	Smoke Developed*	Ignitability*	Flammability*
White	0	0	1	0	2
Shadow	0	0	1	0	2
Pebble	0	0	1	0	2
Iron	0	0	1	0	2
Pearl	0	0	1	0	2
Ebony	0	0	1	0	2

* AWTA test report number AS 1530.3 ^ AWTA test report number AS 1530.2