

EnviroTech

10
TEN YEAR
FABRIC
WARRANTY



Produced from recycled plastic bottles, EnviroTech is a 100% recyclable, PVC-free polyester fabric low in VOCs. Available in Metallised and Non-Metallised backing.

Colour Range



Ebony Non-Metallised



Pebble Non-Metallised



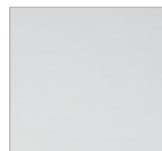
Iron Non-Metallised



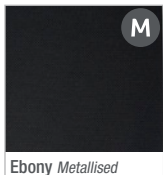
Shadow Non-Metallised



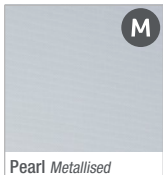
Pearl Non-Metallised



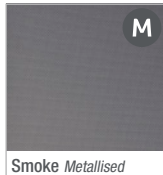
White Non-Metallised



Ebony Metallised



Pearl Metallised



Smoke Metallised



Pebble Metallised


Sunscreen Fabric

Roller Blind | Roman Shade | Panel Glide
2.35m & 2.7m widths

MERMET

EnviroTech

Technical Information

	Non-Metallised 3%	Metallised 3%
Composition:	100% Recycled PET	100% Recycled PET
Thickness:	0.36mm ± 10%	0.44mm ± 10%
Weight:	182 g/sm ± 5%	218 g/sm ± 5%
Weave Construction:	Pattern Weave	Pattern Weave
Breaking Strength: (AS 2001.2.3)	Warp > 1303N, Weft > 598N	Warp > 1862N, Weft > 687N
Tearing Resistance: (AS 2001.2.10)	Warp > 70N, Weft > 53N	Warp > 140N, Weft > 43N
Cutting*:	Can be cut on Ultrasonic, Aeronaut and Crush Cut. Not Weldable. Can be sewn. Product can be rail roaded.	
Colourfastness:	6-7 Blue Scale (AS 2001.4.21)	
Features:	EnviroTech 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). 	
	EnviroTech is compatible with HP latex inks. Please refer to the HP latex printers books for more information. Cradle to Cradle Certified - BRONZE.	

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.

	Non-Metallised	Metallised
Ignitability Index* (Range 0-20):	0	0
Spread of Flame Index* (Range 0-10):	0	0
Heat Evolved Index* (Range 0-10):	0	0
Smoke Developed Index* (Range 0-10):	1	2
Flammability Index*:	2	1

Range:	Item:	Width:	Roll Length:
	3% - 43.211.00X Non-Metallised	2700mm	99 sqm
	3% - 43.212.00X Metallised	2350mm	87 sqm

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

Colour	Thermal Comfort					Visual Comfort
	Ts	Rs	As	GTOT _C	GTOT _D	TL / TV
Non-Metallised Backing 3%						
White	32	60	8	0.35	0.24	30
Shadow	30	55	15	0.36	0.24	26
Pebble	14	31	55	0.42	0.26	11
Iron	5	9	86	0.48	0.27	4
Pearl	9	19	72	0.46	0.27	7
Ebony	5	4	91	0.5	0.28	4
Metallised Backing 3%						
Pearl	7	45	48	0.38	0.25	6
Smoke	5	43	52	0.39	0.25	2
Pebble	8	45	47	0.38	0.25	8
Ebony	5	38	57	0.40	0.25	2

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.

GLAZING & FABRIC

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.

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).

For more information contact our customer service team or visit: hunterdouglas.com.au/enquiry

turnilscollage.com.au