



SEMITRANSSPARENT



FLAME RETARDANT



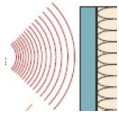
CRADLE TO CRADLE CERTIFIED™  
BRONZE



100 % RECYCLED PET



COLD-CUT, CRUSH-CUT OR  
ULTRASONIC



ACOUSTIC ABSORPTION



MANUFACTURED IN THE EU



INDOOR AIR QUALITY  
CERTIFIED



PRINTABLE HP LATEX INKS

Cradle to Cradle Certified is a certification mark licensed exclusively for the Cradle to Cradle Products Innovation Institute

PET is used to produce bottles for water and drinks, packaging for detergents and pharmaceutical products. After use, PET containers are thrown away and become rubbish, clogging our cities.

We believe in a better approach to their eco-friendly use. We are committed to a healthier approach **using recycled and recyclable material** in the development of longer-life cycle products.

**A square meter of PLANET is made of 6 thrown away bottles**

Recycled polyester yarns are regular quality yarns with identical **characteristics to those** produced from virgin raw materials.

Planet FR, combines an eco-friendly fabric with the technical characteristics of fire retardant fabric.

Planet FR is a plain, semi-transparent fabric, ideal for Matching with every decoration style.



## TECHNICAL PROPERTIES

Fabric Characteristic	Standard	
Composition	-	100 % Recycled PET
Weight (g/ m <sup>2</sup> )		220 ± 5 %
Thickness (mm)		0.38 ± 5 %
Fire reaction	DIN 4102 NF P 92 503 EN 13501-1 NFPA 701 C.A.C. Title 19	B1 M1 Bs2d0 Pass Pass
Light fastness	ISO 105 B02:2002 (blue scale level)	≥6 White 6
Tearing resistance (daN)	EN ISO 13937-3:2001	Warp: 3.4, Weft: 5.5
Breaking resistance (daN)	EN ISO 13934-1:1999	Warp: 114.7, Weft: 127.7
Stretch (%)	EN ISO 13934-1:1999	Warp: 34.6 %, Weft 28.3 %
Openness factor		1 %
Roll size		Width 270 cm, Length 37 m

## SUN CONTROL PROPERTIES

Colour	THERMAL FACTORS						OPTICAL FACTORS								
	Fabric		Fabric+Glazing												
	% T <sub>s</sub>	% R <sub>s</sub>	G <sub>TOT</sub> internal Glazing C		G <sub>TOT</sub> internal Glazing D		% T <sub>v</sub>	% R <sub>v</sub>	% t <sub>v,n-n</sub>	% t <sub>au,n-diff</sub>	% t <sub>uv</sub>	Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
		G <sub>TOT</sub>	Class	G <sub>TOT</sub>	Class						Class	Class	Class	Class	
Avenida Gray	22	54	0.40	1	0.17	2	19	57	0.4	18.2	0.7	2	2	0	2
Black	0.3	3.6	0.56	0	0.28	2	0.3	3.7	0.2	0.1	0.2	4	2	2	0
Calle Gray	13	26	0.49	1	0.24	2	9	26	1	8	3	3	2	1	1
Kaina Blue	12	27	0.48	1	0.24	2	8	24	1	7	2	3	2	1	1
Linen	25	61	0.37	1	0.16	2	23	66	0.5	23	2	1	2	0	2
Marina Gray	2	9	0.54	0	0.27	2	1	9	0.4	0.7	1	4	2	2	0
Pebble	8	31	0.47	1	0.27	2	6	31	0.5	5.5	1	4	2	1	1
Plaza Gray	17	45	0.42	1	0.19	2	15	49	0.4	14.1	0.7	3	3	0	2
Rambla Gray	3	13	0.52	0	0.26	2	1.6	14	0.2	1.4	0.6	4	4	0	0
White	26	60	0.35	1	0.16	2	24.9	64	0.4	24.5	5	1	2	0	2

Data measured according to EN 410:2011 and EN 14500:2021

Classification of thermal and visual characteristics according to EN 14501:2021

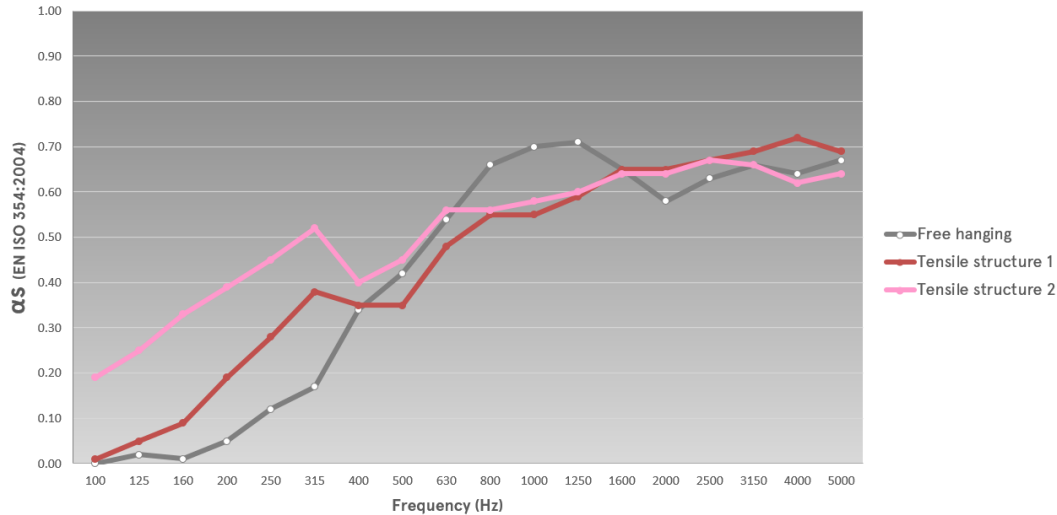
Calculations of g<sub>01</sub> Glazing C according to EN 52022-1

Calculations of g<sub>01</sub> Glazing D according to EN 52022-3 using a Type "D" glazing g = 0.32 U = 1.1

	Standard	
Acoustic Absorption	EN ISO 10534:2 Measured with plenum 150 mm	$\alpha_w = 0.60^*$ NRC = 0.66**
	EN ISO 354	$\alpha_w = 0.40-0.55^*$ NRC = 0.45-0.55** (depending on mounting system)

\* Calculated according to EN ISO 11654

\*\* Calculated according to ASTM C-423.



Sound absorption detailed data according to EN ISO 354 available under request

<b>Environmental &amp; health properties</b>	<ul style="list-style-type: none"> <li>• Oeko-tex standard 100</li> <li>• Cradle to Cradle bronze certified</li> <li>• GREENGUARD Gold Low VOC emission</li> <li>• Minimum content of <b>plastic materials from separate</b> collection on coated product weight: <b>65 %</b></li> </ul>
<b>Manufacturing properties</b>	<ul style="list-style-type: none"> <li>• Always store rolls horizontally</li> <li>• Cold-cut, crush-Cut or ultrasonic</li> <li>• Roller blinds: Welding: use adhesive tape</li> <li>• Vertical blinds: Use adhesive or sewing</li> <li>• Avoid using components or inappropriate packing of the manufactured blind that may cause marks on the fabric</li> <li>• Manufacturing direction: Only 'Drop to Length' ↓</li> </ul>
<b>Maintenance</b>	<ul style="list-style-type: none"> <li>• Vacuum clean for regular maintenance</li> <li>• Do not wash</li> <li>• Do not rub</li> <li>• Do not steam</li> <li>• Do not dry clean</li> <li>• Wipe gently with a wet sponge</li> </ul> <div style="text-align: right;"> </div>

All specifications are based on average values and may deviate. The values are given for guidance and are not contractual. Subject to technical modifications

**vertisol**

VERTISOL INT'L SRL  
C-17, KM 18.92  
08403 Granollers  
SPAIN  
T: + 34 93 840 1444  
www.vertisol.com



ISO 9001:2015 and  
ISO 14001:2015  
certified company