

vertisol

ECOPLANET FR



VISUAL CONTACT OUTSIDE



FLAME RETARDANT



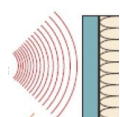
COLD-CUT, CRUSH-CUT OR
ULTRASONIC



100% RECYCLED PET



MANUFACTURED IN THE EU



ACOUSTIC ABSORPTION



PRINTABLE HP LATEX INKS



INDOOR AIR QUALITY
CERTIFIED



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.

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

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

EcoPlanet 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 ²)		176 ± 5 %
Thickness (mm)		0.33 ± 5 %
Fire reaction	DIN 4102 NF P 92 503 EN 13501-1 NFPA 701 C.A.C. Title 19	B1 M1 Bs1d0 Pass Pass
Light fastness	ISO 105 B02:2002 (blue scale level)	White 4 Other Colours ≥ 6
Tearing resistance (daN)	EN ISO 13937-3:2001	Warp: 3,6 Weft: 5,5
Breaking resistance (daN)	EN ISO 13934-1:1999	Warp: 66 Weft: 130
Stretch (%)	EN ISO 13934-1:1999	Warp: 32 % Weft: 37 %
Openness factor		3 %
Roll size		Width 270 cm Length 37 m

SUN CONTROL PROPERTIES															
	THERMAL FACTORS						OPTICAL FACTORS								
	Fabric		Fabric+Glazing												
	% T _s	% R _s	G _{TOT} internal Glazing C		G _{TOT} internal Glazing D		% T _v	% R _v	% t _{au,n-n}	% t _{au,n-diff}	% t _{uv}	Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
Colour			G _{TOT}	Class	G _{TOT}	Class						Class	Class	Class	Class
Avenida gray	25	52	0.40	1	0.18	2	21	57	4	17	4	0	2	0	2
Calle Gray	12	28	0.48	1	0.24	2	8	29	3	5	4	2	2	1	1
Ebony	5	4	0.55	0	0.28	2	4	4	3	1	4	3	2	2	0
Kaina Blue	14	26	0.48	1	0.24	2	9	25	4	5	4	1	2	1	1
Linen	31	57	0.39	1	0.17	2	29	61	4	25	6	0	2	0	2
Marina Gray	5	9	0.54	0	0.27	2	4	9	3	1	4	3	2	2	1
Pebble	14	31	0.47	1	0.23	2	11	31	4.5	6.5	6	0	2	1	1
Plaza Gray	21	44	0.43	1	0.19	2	17	50	4	13	5	0	2	1	2
Rambla Gray	10	12	0.53	0	0.27	2	8	13	7	1	7	0	1	3	1
White	26	58	0.38	1	0.16	2	23	66	4	19	5	0	2	0	2

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

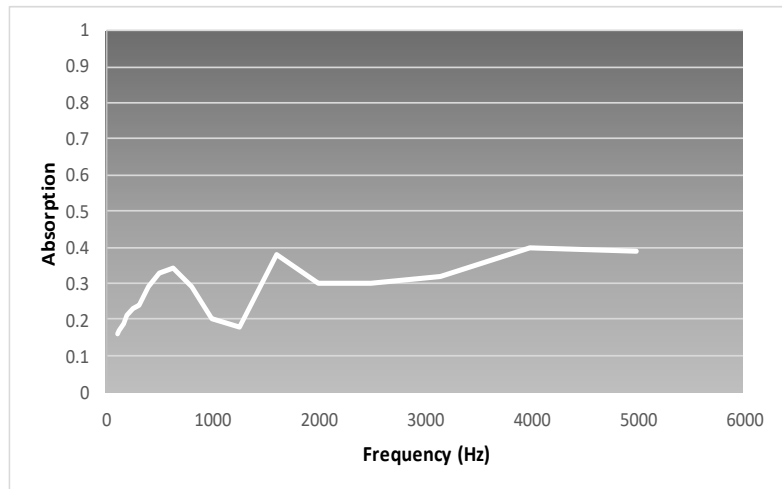
Classification of thermal and visual characteristics according to EN 14501:2021

Calculations of g_{TOT} Glazing C according to EN 52022-1

Calculations of g_{TOT} Glazing D according to EN 52022-3 using a Type "D" glazing g = 0.32 U = 1.1

	Standard	
Acoustic Absorption	UNE EN ISO 10534:2 Measured with 150 mm air chamber	$\alpha_w = 0.30^*$ NRC = 0.28**

* Calculated according to EN ISO 11654
 ** Calculated according to ASTM C-423.



Environmental & health properties	<ul style="list-style-type: none"> ⇒ GREENGUARD Gold Low VOC emission ⇒ Minimum content of plastic materials from separate collection on coated product weight: 70 %
Manufacturing properties	<ul style="list-style-type: none"> ⇒ Always store rolls horizontally ⇒ Cold-cut, crush-cut or ultrasonic ⇒ Roller blinds: Welding: use adhesive tape ⇒ Vertical blids: Use adhesive or sewing ⇒ Avoid using components or inappropriate packing of the manufactured blind that may cause marks on the fabric ⇒ Manufacturing direction: Blinds can be manufactured 'drop to length' or railroaded. BUT do not place blinds manufactured in different directions in the same área, as this difference will be spotted ↓ → ⇒ Manufacture panel blinds only 'drop to length' ↓
Maintenance	<ul style="list-style-type: none"> ⇒ Vacuum clean for regular maintenance ⇒ Do not wash ⇒ Do not rub ⇒ Do not steam ⇒ Do not dry clean ⇒ Wipe gently with a wet sponge <div style="text-align: right; margin-top: 10px;"> </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