

ECOSCREEN F.R.



SEMITRANSSPARENT



CRADLE TO CRADLE CERTIFIED™
BRONZE



FLAME RETARDANT



COLD KNIFE, CRUSH CUT OR UL-
TRASONIC



100% RECYCLED PET



MANUFACTURED IN THE EU



ACOUSTIC ABSORPTION



PRINTABLE HP LATEX INKS



INDOOR AIR QUALITY
CERTIFIED



ENVIRONMENTAL PRODUCT
DECLARATION AVAILABLE

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 its use, the PET containers are thrown away and become rubbish, clogging our cities.

We believe in a better approach to the environmental use. We commit 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 **characteristics equal to the ones** produced with virgin raw materials.

Planet FR, combine a friendly environment fabric with the technical characteristics of fire retardant fabric.

Planet FR is a plain, semi transparent fabric, ideal to match every decoration style.



Planet FR Ed.9 27/03/18

TECHNICAL PROPERTIES

Fabric Characteristic	Standard	
Composition	-	100% Recycled PET
Weight (g/ m ²)	EN 12127	230± 5%
Thickness (mm)	EN ISO 5084	0.41± 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 (Xenotest grade)	ISO 105 B02:2002	≥6/8 White 6/8
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 %
Opennes Factor	ASHRAE Standard 74-1988	1%
Roll Size		Width 270 cm, Length 37 m

SUN CONTROL PROPERTIES

	THERMAL FACTORS						OPTICAL FACTORS								
	Fabric		Fabric+Glazing												
	% T _v	% R _v	G _{TOT} Internal Glazing C		G _{TOT} Internal Glazing D		% T _v	% R _v	% t _{u,vis}	% t _{u,irr}	% t _u	Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
		G _{TOT}	Class	G _{TOT}	Class						Class	Class	Class	Class	
White	26	60	0.35	1	0.24	2	24.9	64	0.4	24.5	5	1	2	0	2
Linen	25	61	0.34	1	0.24	2	23.5	66	0.5	23	2	1	2	0	2
Shadow	21	59	0.35	1	0.24	2	18	60	0.3	17	1	1	2	0	2
Ivory	22	56	0.36	1	0.24	2	18	57	1	17	2	1	2	0	2
Mint	20	56	0.36	1	0.24	2	15	57	0.3	15	1	1	2	0	2
Cinder	18	50	0.37	1	0.25	2	11	45	0.4	10.7	1	1	2	1	1
Pebble	8	31	0.42	1	0.26	2	6	31	0.5	5.5	1	1	2	1	1
Light Grey	9	30	0.43	1	0.26	2	6.8	29	0.2	6.6	2	1	2	1	1
Slate	3	16	0.46	1	0.27	2	2	15	0.5	1.7	1	3	2	2	0
Walnut	12	28	0.43	1	0.26	2	1.5	10	0.7	0.8	1	3	2	2	1
Cask	11	25	0.44	1	0.26	2	1	6	0.5	0.3	1	3	2	2	0
Midnight Storm	2	9	0.48	1	0.27	2	1	9	0.4	0.7	1	3	2	2	0
Black	0.3	3.6	0.50	0	0.28	2	0.3	3.7	0.2	0.1	0.2	3	2	2	0

Data measured according to EN 410:2011 and EN 14500:2008
 Calculations of g_{TOT} are according to EN 13363-1, with 10% frame area.
 Classification of thermal and visual characteristics according to EN 14501:2005
 Data of g_{TOT} are given using standard Glazing C and D, though any other combination may be calculated under request