

PLANET FR

✓ Very good acoustic properties

✓ Produced of 100% recycled PET bottles

Openness factor: 1%

Composition: 100% recycled PET Weig
230 g/m²

Thickness: 0,38 mm

Fire reaction: M1 / B1 / NFPA 701



15 white



24 black



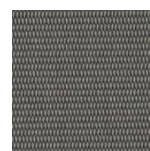
81 cask



15/79 shadow



79 light grey



94 slate



97 midnight storm



SUNCONTROL PROPERTIES

	THERMAL FACTORS					OPTICAL FACTORS							
	Fabric		Fabric+Glazing G tot internal			Fabric							
	Rs	Ts	Glazing C G tot	Glazing D G tot	Glazing E G tot	Tv	Tv dir	Tv diff	Tuv	Glare Control Class	Night Privacy Class	Visual Contact Class	Daylight Utilisation Class
15	60	26	0,38	0,21		24,9	0,4	24,5	5	1	2	0	2
15/79	59	21	0,38	0,21		17,3	0,3	17	1	1	2	0	2
24	3,6	0,3	0,52	0,29		0,3	0,2	0,1	0,2	3	2	2	0
79	30	9	0,45	0,26		6,8	0,2	6,6	2	1	2	1	1
81	25	11	0,47	0,26		0,8	0,5	0,3	1	3	2	2	0
94	16	3	0,49	0,28		2,2	0,5	1,7	1	3	2	2	0
97	9	2	0,51	0,28		1,1	0,4	0,7	1	3	2	2	0

0 Very little effect

1 Little effect

2 Moderate effect

3 Good effect

4 Very good effect

Ts

Solartransmission

Rs

Solarreflection

Glazing C

Double glazing (4/16/4) space filled with air G=0,59 according to EN 14501:2005

Glazing D

Double glazing (4/16/4) with low emissivity coating in position 2, space filled with argon G=0,32 according to EN 14501:2005

Glazing E

Tv

Lighttransmission

Tv dir

Normal/normal light transmittance (direct)

Tv diff

Normal/diffuse light transmittance

Tuv

UV transmission

Data measured according to EN 410:2011 and EN 14500:2008

Classification of thermal and visual characteristics according to EN 14501:2005

Gtot were determined in IDA-ESBO according to EN ISO 52022-3 (reference-case) EN 410 and ISO 15099

TECHNICAL PROPERTIES		
Openness factor	1%	-
Composition	100% recycled PET	-
Weight	230 gr/m ² ±5%	EN 12127
Thickness	0,38 mm ±5%	-
Fire classifications		
Europe	Bs2d0	UNE EN 13501 EN 13773
France	M1	NF P92-503
Italy		UNI 9177
Germany	B1	DIN 4102
UK		BS 5867
USA	Pass	NFPA 701
Wheelmark		IMO resolution MSC.307(88)-(2010 FTP Code of Practice for the Construction of Cargoships IMO MSC/Circ.1102
Acoustic Absorption	G-100 / $\alpha_w = 0,4$ / NRC = 0,45	EN 354/EN 11654/ASTM C423
	150mm* / $\alpha_w = 0,6$ / NRC = 0,66	EN 10534/EN 11654/ASTM C423
Lightfastness	≥6/8	EN ISO 105 B02
Breaking resistance	Warp: 114 daN weft: 127 daN	EN ISO 13934
Elongation to break	Warp: 34,6% weft: 28,3%	EN ISO 13934
Tearing strength	Warp: 3,4 daN weft: 5,5 daN	EN ISO 13937
SundaHus	B	sundahus.se
Bygghandelsnämnden	undviks	byggvarubedomningen.se

*airchamber

WIDTH: 270 cm

ROLL SIZE: 37m

MANUFACTURING GUIDANCE:

Fabric used length to drop

Cold cut, crush cut or ultrasonic

Use adhesive tape when welding

CARE INSTRUCTIONS:

Vacuum clean for regular maintenance

Brush off, Wipe gently with a damp cloth

Do not wash, rub or steam

Do not dry clean

SUITABLE FOR MOIST ATMOSPHERE: Yes

ENVIRONMENT

One square meter of PLANET FR is made from 6 thrown away PET bottles.

PLANET FR is 100% recyclable.

Planet FR is Cradle to Cradle Bronze certified. Cradle to Cradle is the design and verification tool for the circular economy.

Greenguard Gold Low VOC emission