

vertisol

SEAPLANET FR



VISUAL CONTACT OUTSIDE



FLAME RETARDANT



COLD-CUT, CRUSH-CUT OR
ULTRASONIC



100 % RECYCLED PET



MANUFACTURED IN THE EU



INDOOR AIR QUALITY
CERTIFIED



SeaPlanet FR is a 100% recycled fabric, contain plastic collected at the bottom of the sea.

With SeaPlanet FR we help to clean the ocean at the same time we offer our customers a technical textile solution for the manufacturing of blinds.



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TECHNICAL PROPERTIES

Fabric Characteristic	Standard	
Composition	-	100 % Recycled PET
Weight (g/ m²)	-	177± 5 %
Thickness (mm)	-	0.317 ± 5 %
Fire reaction	DIN 4102 NF P 92 503 EN 13501-1 NFPA 701	B1 M1 Bs1d0 Pass
Light fastness	ISO 105 B02 (Blue Scale Level)	≥ 6
Tearing resistance (daN)	EN ISO 13937-3	Warp: 3.6 Weft: 5.1
Breaking resistance (daN)	EN ISO 13934-1	Warp: 69 Weft: 126
Stretch (%)	EN ISO 13934-1	Warp: 33 % Weft: 33 %
Openness factor		5 %
Roll size		Width : 260 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	% τ _{au,n-n}	% τ _{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	28	49	0.41	1	0.19	2	23	53	8	15	8	0	1	2	2
Calle Gray	13	27	0.48	1	0.24	2	9	28	5	4	5	1	2	2	1
Kaina Blue	13	26	0.48	1	0.24	2	8	25	5	3	6	1	2	2	1
Pebble	19	30	0.47	1	0.23	2	14	32	4	10	5	0	2	1	2
Plaza Gray	22	41	0.44	1	0.20	2	18	46	6	12	7	0	1	2	2
Rambla Gray	9	11	0.53	0	0.27	2	7	12	6	1	6	0	1	3	1
White	32	57	0.39	1	0.16	2	28	66	4	24	4	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_{glaz} Glazing C according to EN 52022-1

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

Environmental & health properties	<ul style="list-style-type: none"> ⇒ Oekotex standard 100 ⇒ 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 blinds: 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. <div style="text-align: center;">  </div> <ul style="list-style-type: none"> ⇒ Manufacture panel blinds only 'drop to length' ↓ ⇒ Blinds must be pack ↓
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.

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ISO 9001:2015 and
 ISO 14001:2015
 certified company