

# vertisol

# SEAPLANET FR



VISUAL CONTACT OUTSIDE



CRADLE TO CRADLE CERTIFIED™  
BRONZE



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.



SeaPlanet FR Ed.10 09/05/2024

**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**


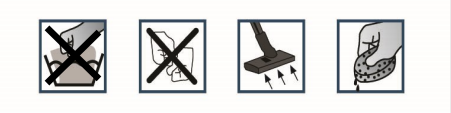
	THERMAL FACTORS						OPTICAL FACTORS								
	Fabric		Fabric+Glazing												
	% T <sub>s</sub>	% R <sub>s</sub>	G <sub>TOT</sub> internal Glazing C		G <sub>TOT</sub> internal Glazing D		% T <sub>v</sub>	% R <sub>v</sub>	% τ <sub>au,n-n</sub>	% τ <sub>au,n-diff</sub>	% t <sub>uv</sub>	Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
Colour			G <sub>TOT</sub>	Class	G <sub>TOT</sub>	Class						Class	Class	Class	Class
<b>Avenida Gray</b>	28	49	0.41	1	0.19	2	23	53	8	15	8	0	1	2	2
<b>Calle Gray</b>	13	27	0.48	1	0.24	2	9	28	5	4	5	1	2	2	1
<b>Kaina Blue</b>	13	26	0.48	1	0.24	2	8	25	5	3	6	1	2	2	1
<b>Pebble</b>	19	30	0.47	1	0.23	2	14	32	4	10	5	0	2	1	2
<b>Plaza Gray</b>	22	41	0.44	1	0.20	2	18	46	6	12	7	0	1	2	2
<b>Rambla Gray</b>	9	11	0.53	0	0.27	2	7	12	6	1	6	0	1	3	1
<b>White</b>	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<sub>glaz</sub> Glazing C according to EN 52022-1

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

<b>Environmental &amp; health properties</b>	<ul style="list-style-type: none"> <li>⇒ Oekotex standard 100</li> <li>⇒ Cradle to Cradle Certified™ bronze</li> <li>⇒ GREENGUARD Gold Low VOC emission</li> <li>⇒ Minimum content of <b>plastic materials from separate</b> collection on coated product weight: <b>70 %</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: 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.</li> </ul> <div style="text-align: center; margin: 10px 0;">  </div> <ul style="list-style-type: none"> <li>⇒ Manufacture panel blinds only 'drop to length' ↓</li> <li>⇒ Blinds must be pack ↓</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; margin-top: 10px;">  </div>

*All specifications are based on average values and may deviate. The values are given for guidance and are not contractual.*

**vertisol**

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ISO 9001:2015 and  
 ISO 14001:2015  
 certified company