

# vertisol

# SERIAL 1



SEMITRANSSPARENT



FLAME RETARDANT



COLD CUT, CRUSH CUT OR  
ULTRASONIC



MANUFACTURED IN THE EU

## TECHNICAL PROPERTIES

Fabric Characteristic	Standard	
Composition	-	80 % PVC + 20 % PES
Weight (g/m2)	Internal method	500 +/- 5 %
Yarn diameter (mm)	Internal method	0.30
Openness factor (%)		1 %
Thickness (mm)		0.67 +/- 5 %
Light fastness	EN ISO 4892-2 (exterior) (Grey scale level)	5 4 White
Light fastness	EN ISO 105 B02-2002 (interior) (Blue scale level)	8 7 White
Fire Classification	EN 13773:2003 EN 13501-1:2018 DIN 4102	Clase 1 Bs2d0 B1
Antibacterial activity	ASTM E 2180-18	Microorganism growth inhibition
Tearing resistance (daN)	EN ISO 13937-3:2001	Warp: 5.4 Weft: 5.6
Breaking Strength (daN/5cm)	EN ISO 13934-1:1999	Warp: 184 Weft: 141
Stretch (%)	EN ISO 13934-1:1999	Warp: 19.7 % Weft: 22.18 %
Roll size	-	Length: 23.5 Im +/- 5 % Width: 250 cm
Printable		Yes

## SUN CONTROL PROPERTIES

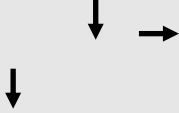

		THERMAL FACTORS						OPTICAL FACTORS								
		Fabric		Fabric+Glazing												
	% T <sub>s</sub>	% R <sub>s</sub>	% R <sub>s</sub>	G <sub>TOT</sub> internal Glazing C		G <sub>TOT</sub> internal Glazing D		% T <sub>v</sub>	% R <sub>v</sub>	% T <sub>au,n-n</sub>	% T <sub>au,n-diff</sub>	% T <sub>uv</sub>	Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
Colour		A	B	g <sub>TOT</sub>	Class	g <sub>TOT</sub>	Class						Class	Class	Class	Class
Ebony	4	46	20	0.42	1	0.27	2	3	55	1	2	1	4	2	2	1
Grey	6	50	30	0.41	1	0.26	2	5	59	1	3	2	4	2	2	1
Marengo	4	50	25	0.40	1	0.26	2	3	59	1	2	1	4	2	2	1
Pebble	8	61	47	0.37	1	0.25	2	5	69	1	4	1	3	2	2	1
Pearl	14	64	56	0.36	1	0.25	2	10	73	1	8.5	2	3	2	1	2
White	17	72	72	0.34	2	0.25	2	14	82	1	13	2	2	2	1	2

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

Calculations of g<sub>u</sub> based in side A ,are according to EN 52022-1

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

Data of g<sub>u</sub> are given using standard Glazing C and D.

<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>○ Welding: Thermo or ultrasonic</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 area ,as this difference will be spotted</li> </ul>  <ul style="list-style-type: none"> <li>○ Manufacture panel blinds only 'drop to length'</li> </ul>
<b>Maintenance</b>	<ul style="list-style-type: none"> <li>○ Periodic maintenance: remove dust with vacuum cleaner, dry cloth or compressed air</li> <li>○ In case of accumulated dirt, it can be cleaned using a sponge or soft brush dipped in soapy water or spray cleaner. In both cases the fabric should be rinsed, leaving the curtain to dry open</li> <li>○ Under no circumstances should solvents or abrasives that could damage the fabric coating be used, so care should be taken to avoid paint, varnish or ink stains</li> </ul> 



Vertical blinds



Roller blinds



Panel blinds



Skylight blinds

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

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ISO 9001:2015 and  
ISO 14001:2015  
certified company