## vertisol

## **ROYAL**



VISUAL CONTACT OUTSIDE



COLD-CUT, CRUSH-CUT OR ULTRASONIC



MANUFACTURED IN THE EU



FLAME RETARDANT



## INDOOR AIR QUALITY CERTIFIED

Openness factor (%) Thickness (mm)  Light fastness EN ISO (grey some service of the content of t	4892-2 (exterior) cale level) 105 B02:2002 (interior) cale level) 73:2003	85 % PVC + 15 % PES 610 ± 5 % 0.40 8 % 0.80 ± 5 % 5/5 4/5 White					
Composition Weight (g/m²) Yarn diameter (mm) Openness factor (%) Thickness (mm)  Light fastness EN ISO (grey so (blue so	4892-2 (exterior) cale level) 105 B02:2002 (interior) cale level)	610 ± 5 % 0.40 8 % 0.80 ± 5 % 5/5 4/5 White 8/8					
Weight (g/m²) Yarn diameter (mm) Openness factor (%) Thickness (mm)  Light fastness EN ISO (grey s Light fastness (blue s Fire Classification Antibacterial activity ASTM I Tearing resistance (daN) Breaking strength (daN/5cm) EN ISO Stretch (%) EN ISO	4892-2 (exterior) cale level) 105 B02:2002 (interior) cale level)	610 ± 5 % 0.40 8 % 0.80 ± 5 % 5/5 4/5 White 8/8					
Yarn diameter (mm) Openness factor (%) Thickness (mm)  Light fastness EN ISO (grey s  Light fastness (blue s  Fire Classification Antibacterial activity ASTM I  Tearing resistance (daN) Breaking strength (daN/5cm) Stretch (%)  Internation  EN ISO (grey s  EN ISO (blue s	4892-2 (exterior) cale level) 105 B02:2002 (interior) cale level)	0.40 8 % 0.80 ± 5 % 5/5 4/5 White 8/8					
Openness factor (%) Thickness (mm)  Light fastness EN ISO (grey some service of the content of t	4892-2 (exterior) cale level) 105 B02:2002 (interior) cale level)	8 % 0.80 ± 5 % 5/5 4/5 White 8/8					
Thickness (mm)  Light fastness  Light fastness  EN ISO (grey some service of the content of the	cale level) 105 B02:2002 (interior) cale level)	0.80 ± 5 % 5/5 4/5 White 8/8					
Light fastness  Light fastness  Light fastness  EN ISO (grey so the light fastness)  EN ISO (blue so the light fastness)  Fire Classification  Antibacterial activity  ASTM ISO (Breaking strength (daN/5cm))  EN ISO Stretch (%)  EN ISO (BRISO	cale level) 105 B02:2002 (interior) cale level)	5/5 4/5 White 8/8					
Light fastness  Light fastness  EN ISC (blue s Fire Classification  Antibacterial activity  Tearing resistance (daN)  Breaking strength (daN/5cm)  Stretch (%)  EN ISC  EN ISC  EN ISC	cale level) 105 B02:2002 (interior) cale level)	4/5 White 8/8					
Fire Classification EN 137 Antibacterial activity ASTM I Tearing resistance (daN) EN ISC Breaking strength (daN/5cm) EN ISC Stretch (%) EN ISC	cale level)						
Antibacterial activity  Tearing resistance (daN)  Breaking strength (daN/5cm)  EN ISC  Stretch (%)  EN ISC	73:2003	8/8 7/8 white					
Tearing resistance (daN) EN ISC Breaking strength (daN/5cm) EN ISC Stretch (%) EN ISC		Class 1					
Breaking strength (daN/5cm) EN ISC Stretch (%) EN ISC	E 2180-18	Microorganism growth inhibition					
Stretch (%) EN ISC	13937-3:2001	Warp: 13.4 Weft: 13.8					
	13934-1:1999	Warp: 180 Weft: 147					
	13934-1:1999	Warp: 21 % Weft: 22 %					
Roll size		Width 200–250 cm, Length 16.5 m					
Recycled content		2% Pre-consumer					
Printable		Yes					
Environmental & health OG	GREENGUARD GOLD Low VOC emission						
O CO WO	<ul> <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>						
co o In b si o U	Periodic maintenance: remove dust with a vacuum cleaner, dry cloth or compressed air 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. 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.						

SUN CONTROL PROPERTIES CONTRACT COLOURS															
	THERMAL FACTORS					OPTICAL FACTORS									
	Fabric Fabric+Glazing														
	% T <sub>s</sub>	% Rs	G <sub>тот</sub> internal Glazing C		G <sub>TOT</sub> internal Glazing D		% T <sub>v</sub>	% R <sub>v</sub>	% t <sub>v,n-n</sub>	% t <sub>v,n-diff</sub>	% Tuv	Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
Colour			G <sub>TOT</sub>	Class	G <sub>TOT</sub>	Class						Class	Class	Class	Class
White	19	68	0.35	1	0.25	2	16	78	7	9	8	0	1	2	2
White Linen	20	62	0.37	1	0.25	2	16	70	8	8	8	0	1	2	2
White Pearl	17	55	0.39	1	0.26	2	15	63	9	6	9	0	1	2	2
Ebony Bronze	8	5	0.55	0	0.31	2	8	5	8	0.3	8	0	1	3	1

Data measured according to EN 410:2011 and EN 14500:2021 Calculations of  $g_{\rm u}$  based on side A ,are according to EN 52022-1 Classification of thermal and visual characteristics according to EN 14501:2021 Data of  $g_{\rm u}$  are given using standard Glazing C and D.

Range of colours 2022					
White					
White Linen					
White Pearl					
Ebony Bronze					



Roller and Panel 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



VERTISOL INT'L SRL C-17, KM 18.92 08403 Granollers SPAIN T: + 34 93 840 1444

LRQA CERTIFIED ISO 9001



ISO 9001:2015 and ISO 14001:2015 certified company