

vertisol

ESSENTIAL 5



VISUAL CONTACT OUTSIDE



COLD-CUT, CRUSH-CUT OR
ULTRASONIC



FLAME RETARDANT



MANUFACTURED IN THE EU



INDOOR AIR QUALITY CERTIFIED

TECHNICAL PROPERTIES

Fabric Characteristic	Standard	
Composition		85 % PVC + 15 % PES
Weight (g/m ²)		603 ± 5 %
Yarn diameter (mm)	Internal method	0.40
Openness factor (%)		5 %
Thickness (mm)		0.78 ± 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	Class 1 Bs2d0 B1
Antibacterial activity	ASTM E 2180-18	Microorganism growth inhibition
Tearing resistance (daN)	EN ISO 13937-3:2001	Warp: 6.4 Weft: 4.9
Breaking strength (daN/5cm)	EN ISO 13934-1:1999	Warp: 172 Weft: 138
Stretch (%)	EN ISO 13934-1:1999	Warp: 25.8 % Weft: 19.8 %
Roll size		Width 250-300** cm, Length 18.5 m
Recycled content		2 % Pre-consumer
Printable		Yes

** Please contact our sales department for available colours in this width.



Vertical blinds



Roller blinds



Panel blinds




Skylight blinds

SUN CONTROL PROPERTIES CONTRACT COLOURS

Colour	THERMAL FACTORS						OPTICAL FACTORS								
	Fabric		Fabric+Glazing				% Tv	% Rv	% Tau,n-n	% Tau,n-diff	% Tuv	Glare Control	Night Privacy	Visual Contact	Daylight Utilisation
	% Ts	% Rs	G _{TOT} internal Glazing C		G _{TOT} internal Glazing D										
		G _{TOT}	Class	G _{TOT}	Class						Class	Class	Class	Class	
Ebony	7	3	0.59	0	0.28	2	7	3	6.5	0.4	7	0	1	3	1
Grey	5	13	0.53	0	0.26	2	5	15	4	0	5	1	2	2	1
Grey Grey-Blue	7	23	0.49	1	0.25	2	5	22	4	1	5	1	2	2	1
Marengo	5	6	0.55	0	0.28	2	5	7	5	0	5	1	2	2	1
Marengo Grey	6	9	0.54	0	0.27	2	5	10	5	0	5	1	2	2	1
Pearl	14	43	0.43	1	0.20	2	10	46	6	4	7	0	1	3	2
Pearl Grey	11	29	0.48	1	0.23	2	9	33	7	2	7	0	1	3	1
Pearl Stone	9	35	0.45	1	0.22	2	7	38	5	2	6	1	2	2	1
Pebble	8	31	0.47	1	0.23	2	5	33	4	1	5	1	2	2	1
White	19	69	0.35	1	0.13	3	15	78	6	9	7	0	1	2	2
White Linen	20	63	0.37	1	0.15	2	16	71	7	9	7	0	1	2	2
White Pearl	16	57	0.38	1	0.16	2	12	64	6	6	7	0	1	2	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_{TOT} Glazing C according to EN 52022-1
 Calculations of g_{TOT} 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"> GREENGUARD GOLD Low VOC emission
Manufacturing properties	<ul style="list-style-type: none"> Always store rolls horizontally Cold-cut, crush-cut or ultrasonic Welding: Thermo or ultrasonic Manufacturing direction: Blinds can be manufactured 'drop to length' or railroded. BUT do not place blinds manufactured in different directions in the same area, as this difference will be spotted Manufacture panel blinds only 'drop to length' ↓ →
Maintenance	<ul style="list-style-type: none"> Periodic maintenance: remove dust with 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 

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