



Sunworker



Sunworker internal application

Sunworker external application



High Protection Screen

For optimal comfort, Sunworker acts as a true thermal filter through the reflection and absorption of solar energy. The thermal protection offered by our blinds has been measured in terms of efficiency, with a minimum sun factor of 0.06. In summer, the ultraviolet rays that penetrate through a window are instantaneously transformed into infrared rays and remain trapped inside the room. Sunworker eliminates the greenhouse effect and overheating of buildings by filtering solar energy.

In winter, the process is reversed and Sunworker offers insulation from the cold. It traps a layer of air between the fabric and the window, thus preventing the indoor heat from escaping.

Another one of Sunworker's strong points is the maximum light protection it offers. Its surprisingly regular micro-ventilated structure ensures a highly effective visual transmission factor (0.03 to 0.18). The glare has been completely eliminated and its cells diffuse light harmoniously.

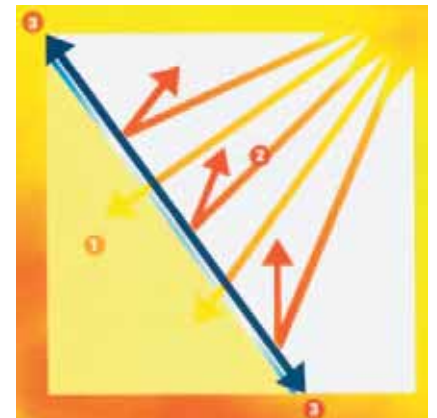
The Comfort Factor

Sunworker offers thermal and visual insulation both in summer and winter. Its level of efficiency can be measured using the sun factor: the lower the sun factor, the more optimal the comfort.

Sunworker's Strong Points

At its core is a high-tenacity Polyester support, and Sunworker's distinctive Rachel Trameur method of weaving which lends an incomparable resistance to bad weather. This technique allows the threads to move in relation to each other to diffuse and absorb the mechanical energy if the fabric begins to tear.

Thanks to its specially formulated mass colour Plastisol coating, Sunworker suffers no chemical decomposition when faced with extreme climatic conditions. The pigments used allow the colours to retain all their brightness in the sun's rays.



- ① Solar transmission
- ② Solar reflection
- ③ Sunworker solar absorption

TECHNICAL CHARACTERISTICS

Width	300 cm	
Weight	350 g/m ²	NF ISO 2286
Thickness	0.38 mm	NF ISO 2286
Tensile strength	Warp 250dan / 5 cm Weft 150 dan / 5 cm	NF G37103
Tearing strength	Warp 50 dan / 5 cm Weft 40 dan / 5 cm	NF G37129/3
Fire resistance	Flammability Index 8 Ignitability Index 0 Spread of Flame Index 0 Heat Evolved Index 0 Smoke Developed Index 5	AS1530.2 -1993 AS1530.3 -1999 AS1530.3 -1999 AS1530.3 -1999 AS1530.3 -1999
Temperature for use	-30 β +70 β C	
Length of roll	40-50 lm	
Cleaning	303	
Guarantee	5 years	
Tolerance :	\pm 5% for all measurements	
Openness Factor	6%	

HEAT & LIGHT PERFORMANCE

Colour No.	Colour	Sun Factor (Ext) Clear Double Glazing	Solar Transmission (1)	Solar Reflection (2)	Solar Absorption (3)	Visual Transmission
SWK005	White	0.18	0.23	0.77	0	0.14
SWK391	Black	0.14	0.06	0.04	0.89	0.06
SWK392	Charcoal	0.13	0.05	0.07	0.87	0.05
SWK393	Bronze	0.14	0.06	0.07	0.85	0.06
SWK652	Argent	0.06	0.04	0.26	0.70	0.04
SWK654	Grey	0.11	0.12	0.56	0.32	0.09
SWK709	Com	0.18	0.22	0.69	0.09	0.15
SWK710	Cream	0.16	0.22	0.70	0.08	0.18
SWK711	Champagne	0.16	0.19	0.66	0.15	0.14
SWK712	Beige	0.14	0.17	0.60	0.23	0.13

ISO 9050 - PREN 410



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