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ENERGY-SAVER SPIN

svensson
markspelle

Founded in 1887, AB Ludvig Svensson is a family-owned company. Svensson Markspelle's expertise lies in manufacturing interior and technical textiles, and for the last two decades, the company has been the market leader in greenhouse climate screens.

Combining this advanced technology and a vast knowledge of energy saving materials, Svensson Markspelle recently developed a new collection of interior textiles, Ups & Downs. These unique fabrics act as energy saving sunscreens, protecting the interiors of offices and buildings from sun and heat.

SPIN

Spin combines aesthetics and shading. It shades sunlight, resulting in a pleasing, soft light. Made of flame retardant polyester. It also meets the human-ecological requirements for decoration material. We recommend use of Spin for panels and roller blinds with vertical stripes.

Design	Cathrine Ahlenius	
Material	100% Polyester	
Care instructions	Damp cloth	
Width (for horizontal stripes=use width of the screen for height)	200 cm (± 1%)	78,7" (± 1%)
Weight	118 g/m² (± 5%)	3,48 oz/yd² (± 5%)
Thickness	0,34 mm 13,4 mil	
Standard Roll Length (approx)	50 m 55 yd	
Breaking strength ISO 5081	Warp: 120-150 N	Weft: 170-195 N
Elongation to break ISO 5081	Warp: 36-54%	Weft: 19-24%
Maximum acceptance of non-linearity	5 mm/m	

Flammability standards

DE	DIN 4102 (B1 & B2)
F	NFP 92- 503-505 (M1)
GB	BS 5867: Part 2: 1980 (1993) Type B
US	NFPA 701:1999 TM#1
Other	IMO A.563(14)

ISO 14001/9001

UPS & DOWNS

HANDLING INSTRUCTIONS

Svensson Markspelle Ups & Downs products feature environmentally-friendly topical treatments based on water-soluble chemicals to increase their shape. These unique fabrics must be handled with care, especially during sewing and installation. Be sure to avoid wrinkles and creases.

It's strongly recommended to use ultra sonic, laser or cutter with knife for cutting and shaping the screens. Be aware that water may weaken the stiffness and shape of the screen.

To ensure good craftsmanship and proper installation, AB Ludvig Svensson reserves the right to recommend companies for co-operation.

SPIN	Solar optical properties %						Shading coeffecient			Fastness to light
Colour	Ts	Rs	As	Tv	UV	O-F	1/8"CL	1/4" CL	1/4"H.A.	B 02
3753*	64	31	5	64	48	34	0.70	0.66	0.50	Class 6
4953*	64	31	5	64	48	34	0.70	0.66	0.50	Class 6
8353*	64	31	5	64	48	34	0.70	0.66	0.50	Class 6

Ts = Solar Transmission
Rs = Solar Reflection
As = Solar Absorption
Tv = Visible light Transmission
UV = Ultraviolet Transmission

O-F = Openess Factor
1/8" CL = 1/8 inch Clear Glass
1/4" CL = 1/4 inch Clear Glass
1/4" H.A. = 1/4 inch Heat Absorbing Glass

B 02 = ISO 105B02 Bluescale 1-8

Ts, Rs, As, Tv were determined at the Ångström laboratory, Uppsala, Sweden
O-F and Shading Coeffecients were determined at Matrix, Inc. Arizona USA
Fastness to light B 02 and UV were determined at AB Ludvig Svensson laboratory

All articles for indoor use behind glass.
The above information is given in good faith but without warranty. Freedom from patent rights and registered trademarks must not be assumed.

*Spin is printed on Topic 300/200 colour 8000 with different colours which makes it an inhomogeneous fabric. Therefore, solar optical properties are only shown for the base fabric of Topic 300/200 colour 8000.