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TOPIC COLOUR



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.

## TOPIC COLOUR

Topic Colour combines aesthetics and shading. It shades sunlight, resulting in a pleasing, soft light. Made of flame retardant polyester, Topic Colour also serves as an energy saver. According to the software program PARASOL \*, Topic Colour can lower air conditioning costs by up to 20%.

It also meets the human-ecological requirements for decoration material. We recommend use of Topic Colour for panels and roller blinds with vertical stripes.

Material	100% Polyester	
Care instructions	Damp cloth	
Width (for horizontal stripes=use width of the screen for height)	300 cm (± 1%)	118,1" (± 1%)
Weight	118 g/m <sup>2</sup> (± 5%)	3,48 oz/yd <sup>2</sup> (± 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
I	UNI 9177 (1987): CLASSE 1 (UNO)
US	NFPA 701:1999 TM#1
Other	IMO A.563(14)

ISO 14001/9001



# UPS & DOWNS

## УПС & ДАУНС

## 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 recommended to use ultrasonic, 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.

TOPIC COLOUR	Solar optical properties %				Shading coefficient			Fastness to light		
	Colour	Ts	Rs	As	Tv	Tuv	O-F	1/8"CL	1/4"CL	B 02
4470 MIDNIGHT BLUE	48	20	32	35	35					Class 6
4435 BLUE	53	25	22	43	41					Class 6
4345 DARKBLUE	51	22	27	38	38	33	0,73	0,70		Class 6
4330 ICEBLUE	55	28	17	46	42					Class 6
4821 LIGHTBLUE	60	32	8	58	43					Class 6
4635 TURQOISE	53	22	25	46	43					Class 6
5231 AQUA GREEN	57	25	18	53	45	37	0,73	0,70		Class 6
5570 FORREST GREEN	47	18	35	37	35					Class 6
5930 GRASSGREEN	48	20	32	40	34					Class 6
6335 LIMEGREEN	53	27	20	48	40					Class 6
5631 LIGHT GREEN	57	28	15	53	42					Class 6
6516 YELLOW	57	30	13	58	30	33	0,69	0,67		Class 6
6635 GOLD YELLOW	52	24	24	44	35					Class 6
6927 ORANGE	53	24	23	44	36					Class 6
3427 RED	52	23	25	40	37					Class 6
3670 WINERED	52	18	30	38	38	37	0,76	0,72		Class 6
3835 CERISE	55	23	22	42	43	33	0,74	0,70		Class 6
4270 PLUM LILAC	49	20	31	35	35					Class 6
7080 DARKBROWN	49	20	31	36	36	33	0,74	0,71		Class 6
6770 KHAKIBRUN	50	23	27	38	36					Class 6
7030 SAND BEIGE	57	26	17	51	43	35	0,72	0,69		Class 6

Ts = Solar Transmission

Rs = Solar Reflection

As = Solar Absorption

Tv = Visible light Transmission

O-F = Openess Factor

Tuv = Ultraviolet light Transmission

1/8" CL = 1/8 inch Clear Glass

1/4" CL = 1/4 inch Clear Glass

B 02 = ISO 105B02 Bluescale 1-8

Tuv, Ts, Rs, As, Tv were determined at the Ångström laboratory, Uppsala, Sweden. O-F was determined at Matrix Inc. Arizona, USA. Shading Coefficients were determined from Parasol. Fastness to light B 02 was 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.

\*Parasol is a computer software program developed by Lund University's Department of Construction and Architecture to predict the impact of shading devices on energy use in buildings. www.parasol.se