

SOLTIS® 93

Micro-ventilated textiles for solar protection

Main applications: Facade blinds
Veranda and conservatory blinds - Shadesails

An extra wide innovative heat shield

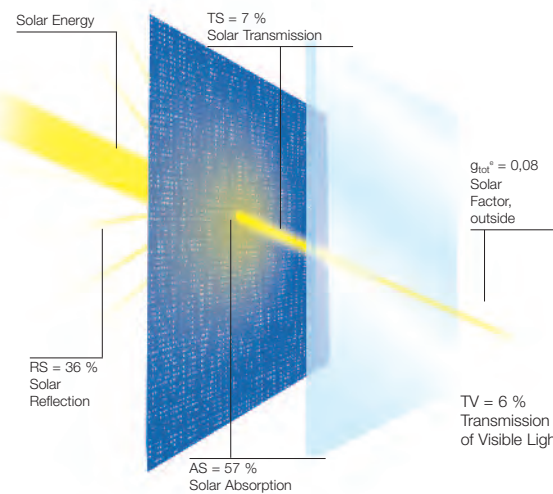
Soltis® 93 textiles are available in roll-widths of 267 cm for use on very large panels.

The micro-ventilation system, exclusive to Soltis® 93, naturally dissipates the residual heat toward the outside, allowing air to circulate, thereby considerably reducing the greenhouse effect.



Botanical garden

Example of values given for colour shade 93-3070 (according to EN 14501 with type "C" double glazing insulating materials)



When they are placed on the outside of windows they block out as much as 96% of solar heat and contribute to maintaining steady room temperatures. This means lots of great benefits—like more comfort, less use of air-conditioning units, and lower running costs for the building.

Visual comfort and transparency

Soltis® 93 textiles guarantee brightness transmission coefficients that ensure visual comfort for inhabitants.

What's more, the transparency of Soltis® 93 textiles gives very comfortable visibility toward the outside.



Digital library - France

Metallic and interferential finishes

Soltis® 93 textiles come in 15 single-colour shades, matched to Soltis® 86, including 8 metallic and interferential finishes well suited to modern architecture. The colour range has been designed with environmental integration and facade harmony in mind.

Solar protection



SOLTIS® 93

www.ferrari-architecture.com

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Solar protection

SOLTIS® 93

Technical Properties	Soltis® 93	Standards
Weight	420 g/sqm	EN ISO 2286-2
Thickness	0,45 mm	
Roll-width	267 cm	
Tensile strength (warp/weft)	300/240 daN / 5 cm	EN ISO 1421
Tear resistance (warp/weft)	40/30 daN	DIN 53.363
Flame retardancy	M1/NFP 92-507 • METHOD 1/NFPA 701 • B1/DIN 4102-1 • BS 7837 BS 5867 • AS/NZS 1530.3 • B1/ONORM A 3800-1 CLASSE 1/UNI 9177 • M1/UNE 23.727 • VKF 5.2/SN 198898 G1/GOST 30244-94 B-s2,d0/EN 13501-1	
Euroclass		
Roll lengths	40 lm	
Fungistatic treatment	Degree 0, excellent	EN ISO 846-A
Quality management system		ISO 9001

The technical data shown here are average values, given for information only, and may be modified.

www.soltis-textiles.com

Downloading, technical data, references, photos, description of tenders, and much more. All in real time.



Sustainable development

Ferrari® development is based on strict adherence to good safety and environmental practices. This includes an understanding of Life Cycle Analysis (LCA), selection of the best materials, and eco-design. The Company obtained its first ISO 14001 certification in 2003.

100% recyclable

Ferrari® developed the Texyloop® technology specifically for the recycling of composite PVC membranes and textiles. Through the management of its end-of-life products Ferrari® is committed to sustainable development.
www.texyloop.com

Specification Service

The Ferrari® specification service is available to inform you, advise you and suggest innovative solutions for your specific requirements.

To detail your project, fill in a form under:
www.soltis-textiles.com

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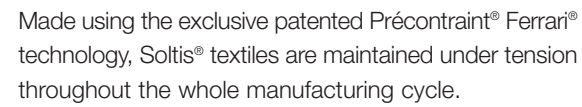
93-3070 - Interferential grey-blue

93-3048

93-3088

93-3046

93-3043



This gives very considerable dimensional stability. Textiles keep their shape, both during installation and when in use. Soltis® textiles combine strength, thinness and light weight.













CSTB
TOILES

The French NF Toiles label guarantees that solar protection textiles maintain a high level of quality and homogeneity. Soltis® certified textiles meet the NF label's thermo-optical, mechanical and longevity requirements.

	Reference	TS	RS	AS	TV n-h	TV n-n	g_{tot}°	g_{tot}^{\downarrow}		Reference	TS	RS	AS	TV n-h	TV n-n	g_{tot}°	g_{tot}^{\downarrow}	
	93-3002	16	51	33	13	6	0.13	0.40			93-3048	9	47	44	8	0.08	0.41	
	93-3003	14	48	38	11	6	0.11	0.41		A	93-3051	15	47	38	14	6	0.12	0.41
	93-3011	12	43	45	10	5	0.10	0.42		B	93-3051	15	65	20	14	6	0.11	0.35
	93-3043	6	13	81	6	5	0.08	0.52			93-3053	6	6	88	6	5	0.08	0.54
	93-3044	22	65	13	20	5	0.15	0.36			93-3065	10	45	45	8	5	0.09	0.42
	93-3045	7	32	61	7	6	0.08	0.46			93-3070	7	36	57	6	5	0.08	0.44
A	93-3046	15	43	42	13	6	0.12	0.42			93-3088	10	38	52	7	5	0.10	0.44
B	93-3046	15	60	25	13	6	0.11	0.37			93-3175	19	62	19	16	5	0.13	0.37
	93-3047	7	8	85	7	6	0.09	0.53										

<p>TS: Solar Transmission as a %</p> <p>RS: Solar Reflection as a %</p> <p>AS: Solar Absorption as a %</p> <p>TS + RS + AS = 100% of the incident energy</p>	<p>TV_n-h: Normal-hemispherical Light Transmission as a %</p> <p>TV_n-n: Normal-normal Light Transmission as a %</p>	<p>g_{ext}: External solar factor</p> <p>g_{int}: Internal solar factor</p> <p>C type glazing: insulating, slightly emissive double glazing in position 3 (4 + 16 + 4; Argon filled).</p>	<p>A: Aluminum side exposed to the sun</p> <p>B: Colored side exposed to the sun</p>
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Thermal comfort	Visual comfort	Visibility toward the outside	Tear resistance	Won't sag
				
Fungistatic treatment	Space-saving	Long life	Easy maintenance	Flame retardant

100% recyclable
textile

