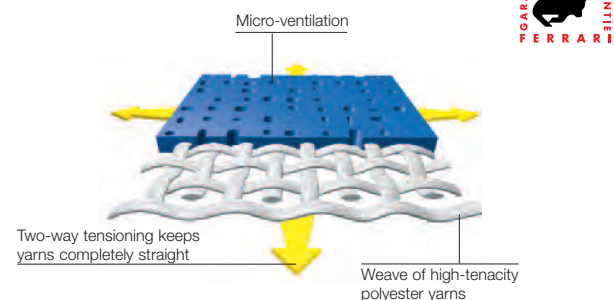


The exclusive **Précontraint®** Ferrari® technology



Made using the exclusive patented Précontraint® Ferrari® technology, Soltis® textiles are maintained under tension throughout the whole manufacturing cycle.

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.

These textiles carry the "NF Toiles" label

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.

SOLTIS® 92 Technical features

- Thermal comfort
- Low Emissivity
- Visual comfort
- Visibility toward the outside
- Tear resistance
- Won't sag
- Fungistatic treatment
- Flame retardant
- Space-saving
- Long life
- Easy maintenance
- 100% recyclable textile



SOLTIS® 92

Micro-ventilated textiles for solar protection
Main applications: Facade blinds
Veranda and conservatory blinds - Shadesails

A real heat shield

Soltis® 92 textiles have a micro-ventilation system that regulates the sun's heating effects. When they are placed on the outside of windows they absorb and reflect back up to 97% of the heat contained in the sun's rays, thereby eliminating the greenhouse effect.

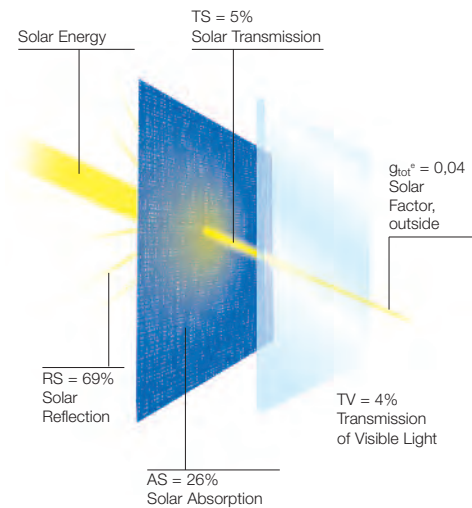
LowE: high energy performance

The Soltis® 92 range has been further enriched by two new references featuring a specific Low Emissivity treatment (LowE = 0.35).

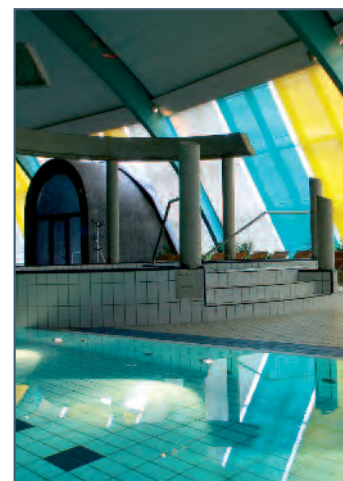
Soltis® 92 LowE assists in increasing interior comfort in buildings by re-emitting less heat. The fabric thereby forms an additional passive cooling source, which reduces air-conditioning consumption.

Soltis® 92 makes a strong contribution to reduced energy expenditure, allowing better cost control of the building.

Example of values given for colour shade 92-2063E (according to EN 14501 with type "C" double glazing insulating materials)



Doubly efficient: anti-glare and transparent



Spa center in Belzig - Germany



Offices in Landshut - Germany

Soltis® 92 textiles preserve privacy and visual comfort inside while providing visibility to the outside.

They offer natural lighting that promotes well-being for occupants, while eliminating glare. Soltis® 92 features a very wide selection of colours, enabling light transmission coefficients to be adapted to user needs, depending on the building exposure.

Metallic and interferential finishes

The metallic and interferential appearance of Soltis® 92 opens up new possibilities. Solar protection textiles thus become an architectural extension of the building's facade.

Soltis® 92 interferential is the only textile that changes colour depending on the viewing angle. Changes may go from red to green, or from gray to blue — Soltis® 92 drapes and breathes life into facades.



Reuter's Agency - Geneva - Switzerland



www.ferrari-architecture.com

SOLTIS® 92

FERRARI architecture

Solar protection

SOLTIS® 92

Technical Properties	Soltis® 92	Standards
Weight	420 g/sqm	EN ISO 2286-2
Thickness	0,45 mm	
Roll-width	177 cm	
Tensile strength (warp/weft)	310/210 daN / 5 cm	EN ISO 1421
Tear resistance (warp/weft)	40/20 daN	DIN 53.363
Flame retardancy	M1/NFP 92-507 • METHOD 1/NFPA 701 • CSFM T19 • CLASS A/ASTM E84 B1/DIN 4102-1 • BS 7837 • BS 5867 • B1/ONORM A 3800-1 CLASSE 1/UNI 9177 • M1/UNE 23.727 • VKF 5.3/SN 198898 AS/NZS 1530.3 • G1/GOST 30244-94 B-s2,d0/EN 13501-1	
Euroclass		
Roll lengths	50 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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LowE 92-2061 E*



92-2051



92-2046*



92-2074



92-2065 Interferential red-green NF 92-2070 Interferential grey-blue NF 92-2045* NF

92-2175* NF



92-2001* NF 92-2004 NF 92-2006* NF 92-2013 NF



92-2008 NF 92-2009 NF 92-2007 NF 92-2016 NF



92-2044* NF 92-2072 NF 92-2005 NF 92-2021 NF



92-2010 NF 92-2011* NF 92-2023 NF 92-2069* NF



* This colour is also available in Soltis® 86

92-2048* NF

92-2045* NF

92-2175* NF

92-2013 NF

92-2016 NF

92-2021 NF

92-2069* NF



92-2002* NF 92-2088 NF 92-2089 NF 92-2043* NF



92-2003* NF 92-2012* NF 92-2037 NF 92-2090 NF



92-2024* NF 92-2025 NF 92-2014 NF 92-2027* NF



92-2019 NF 92-2020 NF 92-2035* NF 92-2039 NF



92-2032 NF 92-2031 NF 92-2030* NF 92-2042* NF



92-2022* NF 92-2040* NF 92-2047* NF 92-2053* NF



Solar and light properties (according to EN 14501)

Reference	TS	RS	AS	TV n-h	TV n-n	g _{tot} *	g _{tot} ¹	NCS Codification
92-2001	16	62	22	13	2	0.12	0.37	1003 R 05 B
92-2002	11	53	36	8	4	0.09	0.39	2010 Y 30 R
92-2003	14	46	40	10	6	0.11	0.41	2005 Y 50 R
92-2004	14	54	32	9	4	0.11	0.39	1012 Y 60 R
92-2005	17	57	26	9	5	0.13	0.38	1030 R 70 B
92-2006	19	60	21	17	3	0.13	0.37	0030 Y 10 R
92-2007	19	60	21	18	4	0.14	0.37	1020 G 50 Y
92-2008	17	59	24	14	3	0.13	0.38	1020 B 90 G
92-2009	12	55	33	7	3	0.10	0.39	1020 B 30 G
92-2010	14	57	29	13	3	0.11	0.38	1502 B
92-2011	9	42	49	8	4	0.08	0.42	2502 B
92-2012	11	44	45	4	4	0.10	0.42	4010 Y 30 R
92-2013	18	57	25	16	4	0.14	0.38	0040 Y 20 R
92-2014	12	44	44	6	4	0.10	0.42	2040 Y 80 R
92-2016	11	37	52	8	5	0.10	0.44	3010 G 30 Y
92-2019	11	38	51	5	3	0.10	0.44	3030 B 70 G
92-2020	9	28	63	4	4	0.09	0.47	3050 B 60 G
92-2021	7	30	63	4	3	0.08	0.46	4030 R 90 B
92-2022	6	25	69	4	4	0.08	0.48	5010 R 70 B
92-2023	7	32	61	6	5	0.08	0.46	3502 R
92-2024	20	53	27	16	4	0.15	0.40	0765 Y 17 R
92-2025	18	46	36	8	4	0.14	0.42	2060 Y 40 R
92-2027	17	44	39	5	4	0.13	0.42	1473 Y 95 R
92-2030	12	29	59	3	3	0.11	0.47	5050 R 70 B
92-2031	13	33	54	5	4	0.12	0.46	3060 R 80 B
92-2032	13	39	48	4	3	0.11	0.43	2060 R 90 B
92-2035	4	14	82	3	3	0.07	0.51	4837 B 77 G
92-2037	8	34	58	5	4	0.09	0.45	3040 Y 20 R
92-2039	3	8	89	3	3	0.07	0.53	8010 B 90 G
92-2040	10	13	77	10	8	0.11	0.52	6020 R 90 B
92-2042	7	18	75	3	2	0.08	0.50	5040 R 20 B
92-2043	2	12	86	2	3	0.06	0.52	7404 Y 51 R
92-2044	20	70	10	19	5	0.14	0.34	0501 Y 17 R
92-2045	3	35	62	3	3	0.05	0.45	/
A 92-2046	9	48	43	8	3	0.08	0.41	/
B 92-2046	9	63	28	8	3	0.07	0.36	/
92-2047	5	8	87	5	4	0.08	0.53	/
92-2048	8	46	46	8	3	0.08	0.41	/
A 92-2051	10	50	40	10	3	0.09	0.40	/
B 92-2051	9	70	21	9	3	0.07	0.34	/
92-2053	3	6	91	3	3	0.07	0.54	8500 N
A 92-2061 E	4	70	26	4	3	0.04	0.34	/
B 92-2061 E	4	71	25	4	3	0.04	0.33	/
92-2063 E	5	69	26	4	4	0.04	0.34	/
92-2065	10	46	44	7	4	0.09	0.41	/
92-2069	6	24	70	5	4	0.07	0.48	4502 B
92-2070	5	38	57	3	3	0.06	0.44	/
92-2072	17	59	24	11	4	0.12	0.38	1020 B
A 92-2074	4	38	58	4	3	0.06	0.44	/
B 92-2074	4	25	71	4	3	0.07	0.48	/
92-2088	9	39	52	4	3	0.09	0.43	/
92-2089	13	39	48	9	5	0.11	0.44	/
92-2090	5	13	82	3	2	0.08	0.52	7020 Y 40 R
92-2175	19	64	17	16	3	0.13	0.36	/

TS: Solar Transmission as a %
RS: Solar Reflection as a %
AS: Solar Absorption as a %
TS + RS + AS = 100% of the incident energy
TV n-h : Normal-hemispherical Light Transmission as a %
TV n-n : Normal-normal Light Transmission as a %
g_{tot}* : External solar factor
g_{tot}¹ : Internal solar factor
C: type glazing: insulating
slightly emissive double glazing in position 3 (4 + 16 + 4; Argon filled).
A: Aluminum side exposed to the sun
B: Colored side exposed to the sun