



**SOLTIS<sup>®</sup> 92**  
S O L A R   P R O T E C T I O N

**Sencila Klarex**



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**FERRARI**  
a r c h i t e c t u r e





**Photos:**

**Cover:**

*Reuter Agency - Geneva - Switzerland  
Architect: Terence J. Cokks & Associés*

- 1 • *Car body center - Anvers - Belgium*
- 2 • *Panasonic company restaurant - Brussels Belgium*
- 3 • *The France Télécom building - Villejuif - France  
Architect: Vaudou Allegret*
- 4 • *The Montsouris Mutualist Clinic - Paris  
France*
- 5 • *The Forum of the Casino - Hyères - France  
Architect: Hyères city engineering office*

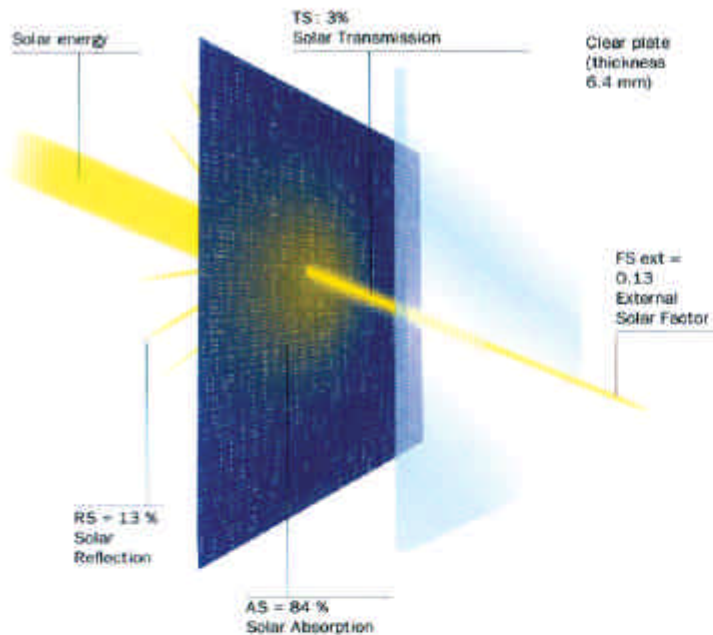
- 6 • *Philip Morris company - Lausanne - Switzerland*
- 7 • *Conservatory awning - Belgium*
- 8 • *Conservatory awning - Germany*
- 9 • *Court-house - Nantes - France  
Architect: Jean Nouvel*
- 10 • *The Centre de vie - Aubervilliers - France  
Architect: Vincent Parreira*
- 11 • *The Waidhausen School - Vienna - Austria  
Architect: Prof. Ing. Helmut Richter*
- 12 • *The Ponts et Chaussées High School  
Marne-La Vallée - France  
Architect: Cabinet Chaix Morel*

**SOLTIS®**

**FERRARI**

## SOLTIS® 92 PROVIDES THE BEST SOLAR PROTECTION

Example of values given for the colour 92-2040



Due to their micro-aerations, Soltis® 92 textiles regulate the sun's heat. Installed on the outside of the window, Soltis® textiles absorb and reflect up to 97% of the sun generated heat, thus eliminating the greenhouse effect.

Therefore this unequalled thermal performance allows for a reduction in the use of air conditioning in buildings. Soltis® 92 contributes highly to the reduction of energy expenditures and results in an improvement in building operating costs.

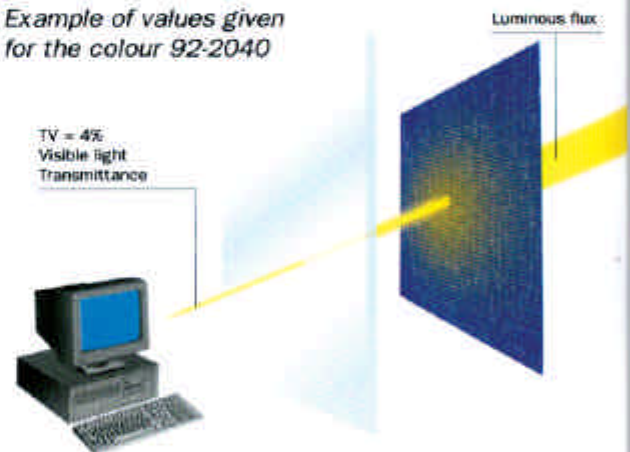
## SOLTIS® 92 STOPS GLARE AND ENHANCES VISIBILITY

Soltis® 92 textiles preserve privacy and comfort without obstructing the outside view. No more disagreeable glares and textiles that are too dark, natural light is retained resulting in the feeling of well being which you seek.

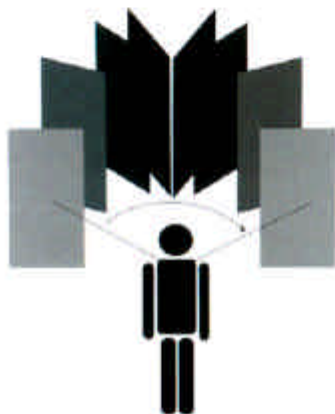
Depending upon building exposure, you have a choice of colours which give the light transmission coefficient best suited to your needs.

Thanks to Soltis® 92, disagreeable glare is eliminated, the atmosphere of light is controlled, and the quality of natural light preserved for the enhancement of working areas.

Example of values given for the colour 92-2040



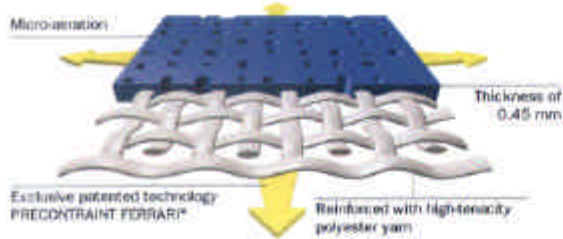
## SOLTIS® 92 PROPOSES METALLIC AND INTERFERENTIAL ASPECTS



The metallic and interferential aspects of Soltis® 92 gives new possibilities. Solar protection textiles become an architectural extension of the building facade.

Soltis® 92 interferential is the only textile which changes colours depending upon angle of vision. From red to green or from grey to blue, Soltis® 92 embellishes, and makes your facades live.

## SOLTIS® 92, A PRECONSTRAINT FERRARI® TECHNICAL TEXTILE



Manufactured according to the exclusive Préconstraint Ferrari® patented technology, Soltis® 92 textiles are maintained under tension during the whole production process. The result is a very important dimensional stability of Soltis® textiles which do not bag during installation procedure or intensive use.

### SOLTIS® 92, RESISTS TEARING WITHOUT EXTRA REINFORCEMENT



Soltis® 92 textiles are wind and weather resistant. The high-tenacity **polyester yarn reinforcement** makes them exceptionally resistant to wind and intensive use.

### SOLTIS® 92, OCCUPIES VERY LITTLE SPACE



Having a thickness of 0.45 mm, Soltis® 92 textiles **integrate more easily into smaller cases** and enable a greater length of fabric to be rolled up.

### SOLTIS® 92, WILL NOT SAG



With their double resistance to warp and weft stretching, Soltis® 92 textiles **are not subject to any deformation**. Fit for use in temperatures ranging between -30°C and +70°C, they are suitable for all surface areas, especially large areas in which their dimensional stability is unrivalled.

### SOLTIS® 92, IS LONG LASTING AND RESISTANT TO DIRT



The quality of polymers used in the manufacture of Soltis® textiles ensures **high colour-fastness**. Dirt does not stick to Soltis® 92 due to its smooth and even surface structure. Maintenance of Soltis® 92 textiles **simply consists of washing with water and neutral detergent** (see "Soltis® Maintenance instructions").

### SOLTIS® 92, A SAFE TEXTILE

With a 5 year guarantee and certified ISO 9001, Soltis® 92 is the textile giving total reliability.



## SOLAR AND LIGHT CHARACTERISTICS

Reference	TS	RS	AS	TV	FS ext 1/4" CL	FS int 1/4" CL	Code NCS
92-2001	17	66	17	9	0.19	0.31	1003 R 05 B
92-2002	10	55	35	6	0.14	0.37	2010 Y 30 R
92-2003	10	51	39	6	0.15	0.40	2005 Y 50 R
92-2004	11	54	35	7	0.15	0.38	1012 Y 60 R
92-2005	12	57	31	6	0.16	0.36	1030 R 70 B
92-2006	14	70	16	8	0.16	0.28	0030 Y 10 R
92-2007	13	58	29	8	0.17	0.38	1020 G 50 Y
92-2008	11	61	28	6	0.15	0.33	1020 B 90 G
92-2009	9	48	43	7	0.14	0.42	1020 B 30 G
92-2010	10	57	33	7	0.14	0.36	1502 B
92-2011	7	42	51	5	0.13	0.45	2502 B
92-2012	12	50	38	4	0.17	0.41	4010 Y 30 R
92-2013	20	62	18	11	0.23	0.34	0040 Y 20 R
92-2014	14	55	31	5	0.18	0.38	2040 Y 80 R
92-2016	11	46	41	5	0.16	0.42	3010 G 30 Y
92-2019	6	36	58	4	0.13	0.49	3030 B 70 G
92-2020	5	25	70	2	0.13	0.56	3050 B 60 G
92-2021	9	34	57	5	0.16	0.51	4030 R 90 B
92-2022	8	33	59	5	0.15	0.52	5010 R 70 B
92-2023	5	37	58	5	0.12	0.48	3502 R
92-2024	19	61	20	10	0.22	0.35	0765 Y 17 R
92-2025	15	51	34	5	0.19	0.41	2060 Y 40 R
92-2027	14	51	35	5	0.18	0.41	1473 Y 95 R
92-2030	7	26	67	4	0.15	0.56	5050 R 70 B
92-2031	10	31	59	6	0.17	0.53	3060 R 80 B
92-2032	9	35	56	3	0.16	0.50	2060 R 90 B
92-2035	5	22	73	4	0.14	0.58	4837 B 77 G
92-2037	11	45	44	4	0.16	0.44	3040 Y 20 R
92-2039	3	7	90	4	0.13	0.68	8010 B 90 G
92-2040	3	13	84	4	0.13	0.64	6020 R 90 B
92-2042	11	38	51	2	0.17	0.49	5040 R 20 B
92-2043	4	10	88	4	0.14	0.66	7404 Y 51 R
92-2044	18	66	16	12	0.20	0.31	0501 Y 17 R
92-2045	5	29	66	6	0.13	0.54	/
92-2046 A	7	40	53	5	0.13	0.47	/
92-2046 B	7	52	41	5	0.12	0.38	/
92-2047	3	6	91	3	0.14	0.69	/
92-2048	6	40	54	5	0.12	0.46	/
92-2051 A	10	43	47	8	0.16	0.47	/
92-2051 B	10	67	23	8	0.13	0.31	/
92-2053	4	4	92	4	0.15	0.71	8500 N
92-2065	6	42	52	6	0.12	0.45	/
92-2069	5	20	75	5	0.14	0.60	4502 B
92-2070	3	34	63	5	0.10	0.50	/
92-2072	11	55	34	5	0.15	0.37	1020 B
92-2074 A	4	32	64	4	0.11	0.51	/
92-2074 B	4	21	75	4	0.13	0.59	/
92-2088	7	40	53	5	0.13	0.47	/
92-2089	9	40	51	6	0.15	0.47	/
92-2090	4	11	85	4	0.14	0.66	7020 Y 40 R

TS: Solar Transmission in %

RS: Solar Reflection in %

AS: Solar Absorption in %

TS + RS + AS = 100 % of incident energy

TV: Visible light Transmittance in %

FS ext.: external Solar Factor

FS int.: internal Solar Factor

1/4" CL: clear plate, thickness 6.4 mm

(measured by Metrix Inc. U.S.A according to ASHRAE 74-1988)

A: aluminium side exposed to the sun

B: colour side exposed to the sun