# SOLTIS
## 92

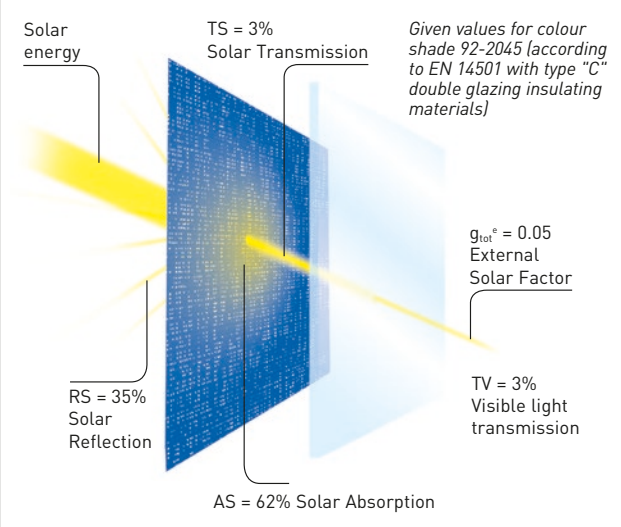
Serge Ferrari

## MAIN FEATURES

- Greater thermal protection
- Optimum visual and lighting comfort
- Weather and UV resistance
- Lightweight, durable and 100% recyclable

## APPLICATIONS

- Façade blinds
- Conservatory and glassroof blinds
- Shadesails




Placed outside, Soltis 92 absorbs and ejects up to 97% of the heat

## A real heat shield

Thanks to its micro-ventilation system, Soltis 92:
- regulates the sun's heating effects,
- limits the greenhouse effect.

Such unrivalled performances enable to reduce:
- the use of air-conditioning,
- to reduced energy expenditure of the building.

Generous supply of natural light for the well-being of the occupants

## Transparency without glare

Soltis 92 offers a large choice of 50 colours to increase technical and aesthetic solutions:
- to adapt to the aspect of the façade,
- to choose the appropriate light transmission coefficient (TV),
- to conserve visibility toward the outside,
- to ensure privacy for inhabitants.

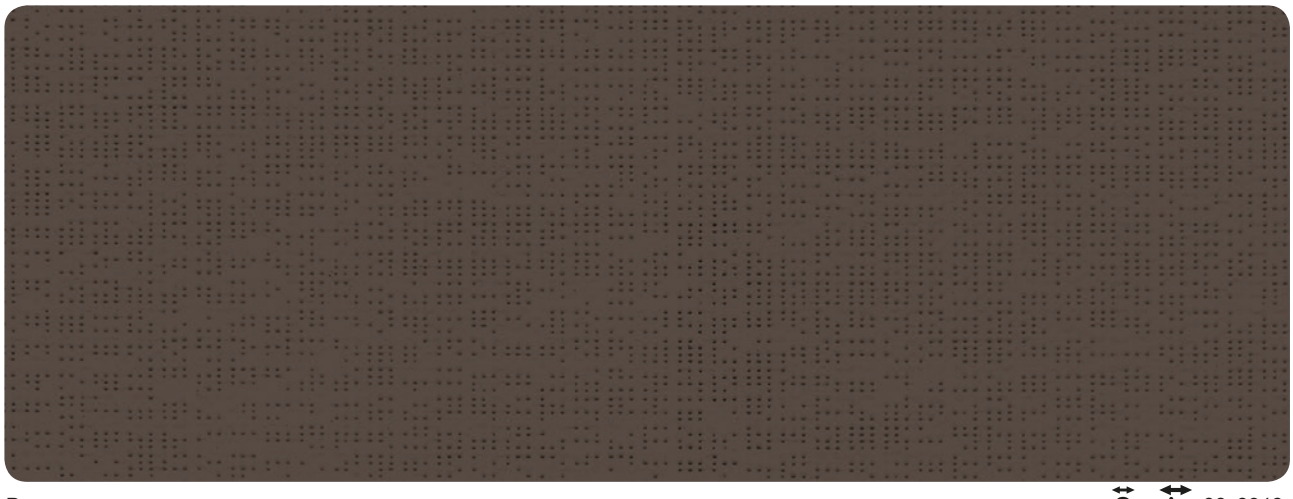
To dress and animate façades

## Creating a burst of design ideas

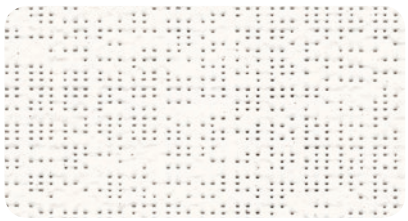
- Colours coordinated with other Serge Ferrari Architecture ranges
- Perfect harmony of the building using blinds, facade, fixed shading systems...
- Combination of performance and aesthetic

# SOLTIS 92

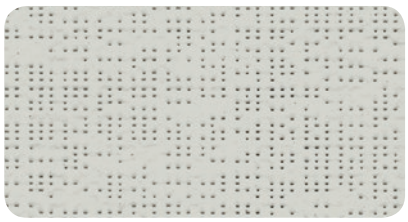
The colours and textures represented in this document are provided as a reference only.



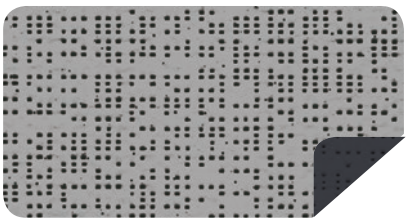
**Bronze** S L 92-2043



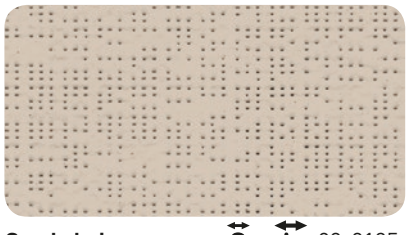
**White** S L 92-2044



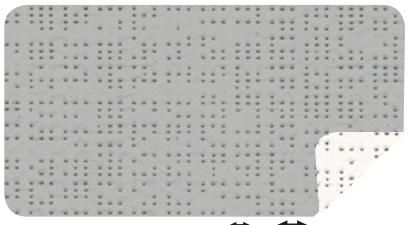
**Boulder** S L 92-2171



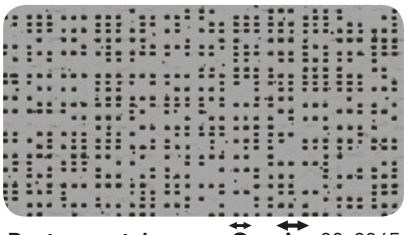
**Alu/Anthracite** S 92-2068



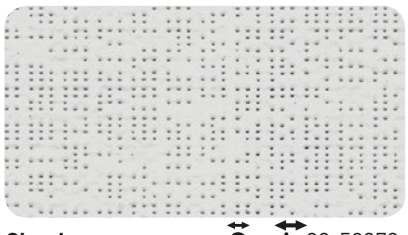
**Sandy beige** S L 92-2135



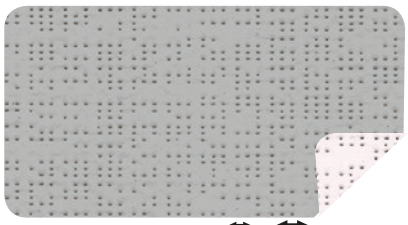
**Alu/White** S L 92-2051



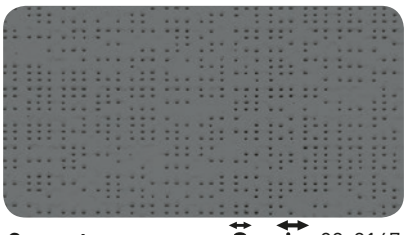
**Beaten-metal** S L 92-2045



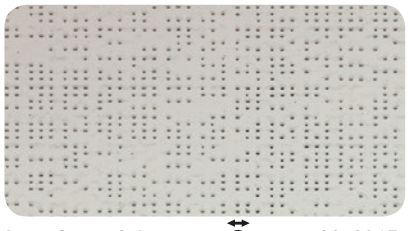
**Cloud** S L 92-50272



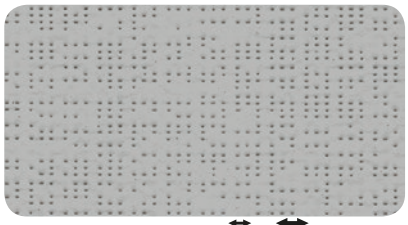
**Alu/Oat** S L 92-2046



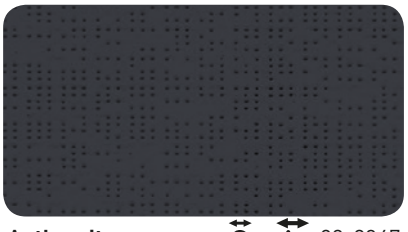
**Concrete** S L 92-2167



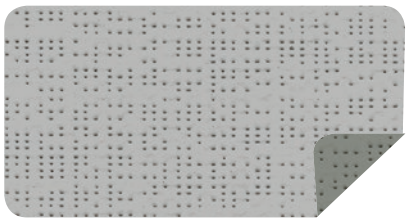
**Interferential grey** S 92-2065



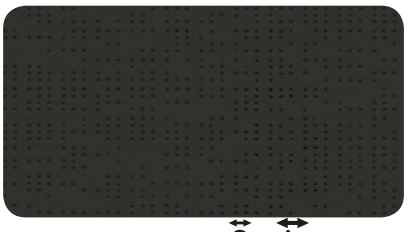
**Alu/Alu** S L 92-2048



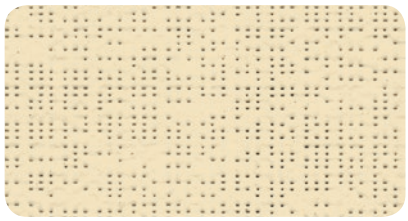
**Anthracite** S L 92-2047



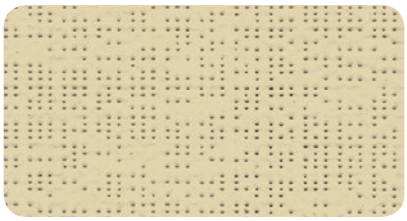
**Alu/Medium grey** S L 92-2074



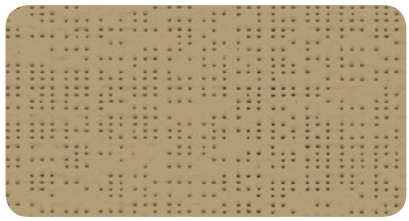
**Black** S L 92-2053



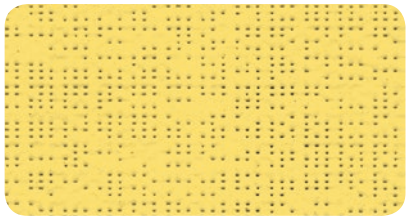
**Champagne** S L 92-2175



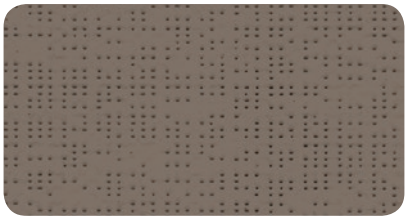
**Hemp** S L 92-50265



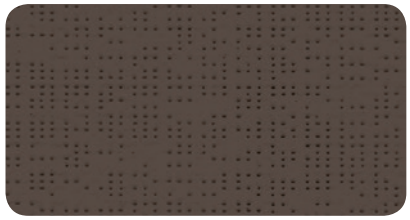
**Pepper** S L 92-2012



**Gold** S 92-50273



**Havana-Brown** S 92-50266

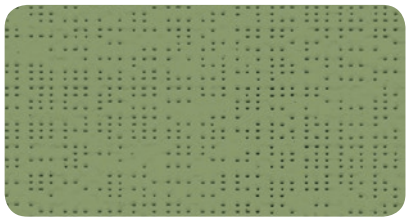


**Bronze** S L 92-2043

**Beetle** S 92-2149

**Cocoa** S 92-2148

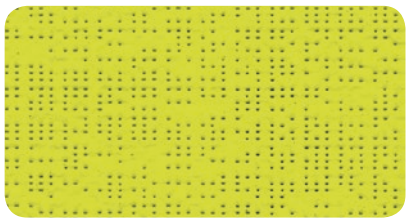
**Walnut stain** S 92-2137



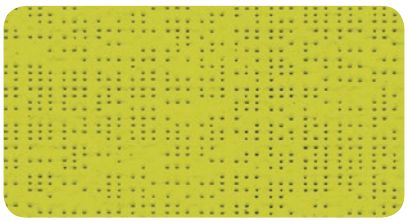
**Moss green** S 92-2158

**Dark teal** S 92-50264

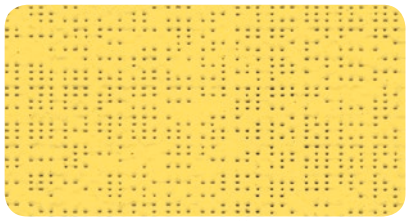
**Green tree** S 92-2039



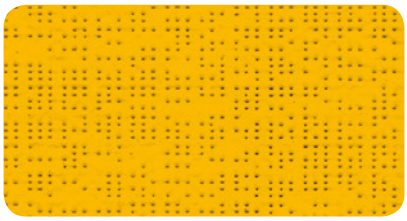
**Aniseed** S 92-2157



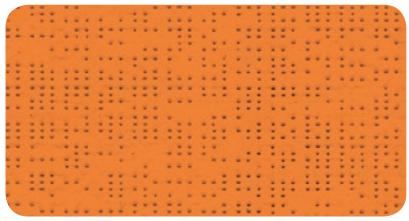
**Bamboo** S 92-50333



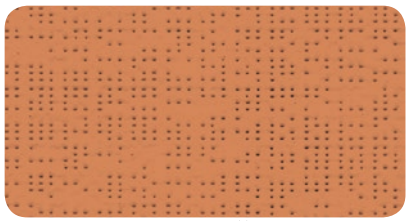
**Chick** S 92-2013



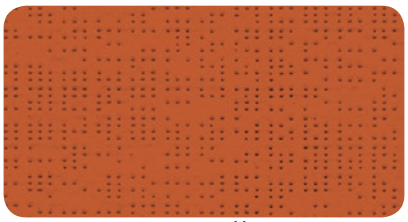
**Buttercup** S 92-2166



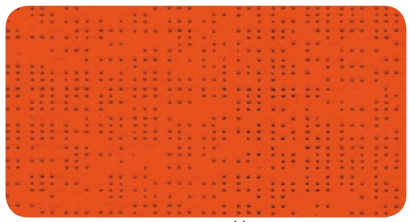
**Orange** S 92-8204



**Copper** S 92-50274



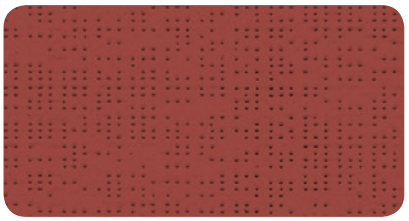
**Caramel** S 92-50261



**Carrot** S 92-2172

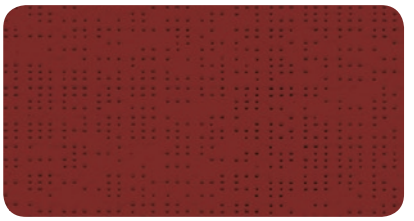
S Available in 177 cm width

L Available in 267 cm width

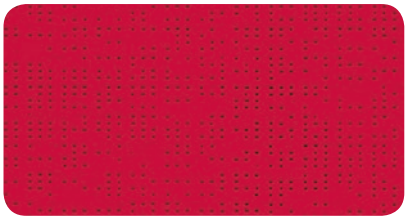


**Cotto** S 92-50267

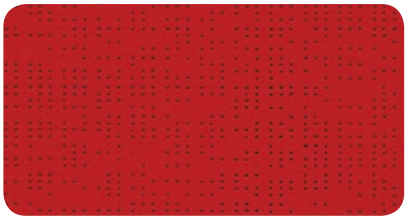
**Velvet red** S 92-2152



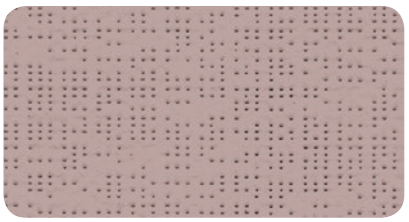
**Muscat** S 92-50260



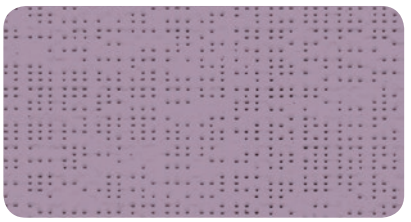
**Grenadine** S 92-50268



**Red** S 92-8255



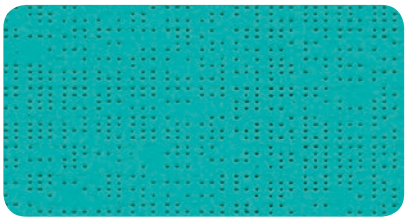
**Turtledove** S 92-2163



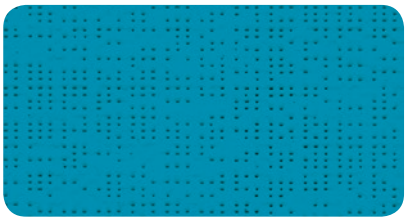
**Violet parma** S 92-2164

**Plum** S 92-50336

**Intense turquoise** S 92-50271



**Hawaii** S 92-50269



**Lagoon** S 92-2160

**Thistle** S 92-50270

**Midnight blue** S 92-2161

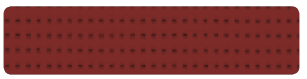
**Navy** S 92-50342

## Matching colours with SOLTIS 86

86-2166

86-8204

86-50261



86-50260

86-8255

86-2161

86-2158

86-50333

86-2135

86-2012

86-2148

86-2043

86-2044

86-2175

86-2171

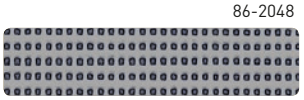
86-2167

86-2048

86-2051

86-2046

86-2068



86-2045

86-2047

86-2053

# Solar and light properties (EN 14501)

| Réf. | | Width (cm) 177 | Width (cm) 267 | TS | RS | AS | TV n-h | TV n-n | $g_{tot}^{e}$ | $g_{tot}^{i}$ | NCS codification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 92-2012 | | • | • | 7 | 30 | 63 | 6 | 5 | 0.08 | 0.46 | S 4010 Y 30 R |
| 92-2013 | | • | | 18 | 57 | 25 | 16 | 4 | 0.14 | 0.38 | S 0540 Y 10 R |
| 92-2039 | | • | | 3 | 8 | 89 | 3 | 3 | 0.07 | 0.53 | S 8010 B 90 G |
| 92-2043 | | • | • | 2 | 12 | 86 | 2 | 3 | 0.06 | 0.52 | - |
| 92-2044 | | • | • | 20 | 70 | 10 | 19 | 5 | 0.14 | 0.34 | S 0500 N |
| 92-2045 | | • | • | 3 | 35 | 62 | 3 | 3 | 0.05 | 0.45 | - |
| 92-2046 | A | • | • | 9 | 48 | 43 | 8 | 3 | 0.08 | 0.41 | - |
| 92-2046 | B | • | • | 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 | - |
| 92-2051 | A | • | • | 10 | 50 | 40 | 10 | 3 | 0.09 | 0.40 | - |
| 92-2051 | B | • | • | 9 | 70 | 21 | 9 | 3 | 0.07 | 0.34 | - |
| 92-2053 | | • | • | 3 | 6 | 91 | 3 | 3 | 0.07 | 0.54 | S 8500 N |
| 92-2065 | | • | | 10 | 46 | 44 | 7 | 4 | 0.09 | 0.41 | - |
| 92-2068 | A | • | | 5 | 40 | 55 | 5 | 5 | 0.06 | 0.43 | - |
| 92-2068 | B | • | | 5 | 8 | 87 | 5 | 5 | 0.08 | 0.53 | - |
| 92-2074 | A | • | • | 4 | 38 | 58 | 4 | 3 | 0.06 | 0.44 | - |
| 92-2074 | B | • | • | 4 | 25 | 71 | 4 | 3 | 0.07 | 0.48 | - |
| 92-2135 | | • | • | 9 | 46 | 45 | 6 | 4 | 0.08 | 0.41 | S 2005 Y 50 R |
| 92-2137 | | • | | 3 | 8 | 89 | 3 | 3 | 0.07 | 0.53 | S 8010 Y 50 R |
| 92-2148 | | • | | 3 | 14 | 83 | 3 | 3 | 0.06 | 0.51 | S 7010 Y 30 R |
| 92-2149 | | • | | 5 | 16 | 79 | 4 | 4 | 0.07 | 0.51 | - |
| 92-2152 | | • | | 15 | 37 | 48 | 5 | 4 | 0.12 | 0.45 | - |
| 92-2157 | | • | | 15 | 51 | 34 | 10 | 3 | 0.12 | 0.40 | S 0575 G 60 Y |
| 92-2158 | | • | | 4 | 28 | 68 | 3 | 2 | 0.06 | 0.47 | S 4020 G 30 Y |
| 92-2160 | | • | | 8 | 36 | 56 | 4 | 3 | 0.08 | 0.44 | S 2055 B 10 G |
| 92-2161 | | • | | 5 | 19 | 76 | 3 | 3 | 0.07 | 0.49 | S 5040 R 80 B |
| 92-2163 | | • | | 9 | 44 | 47 | 4 | 3 | 0.08 | 0.42 | S 3010 R 10 B |
| 92-2164 | | • | | 10 | 45 | 45 | 4 | 3 | 0.09 | 0.42 | S 3020 R 50 B |
| 92-2166 | | • | | 21 | 54 | 25 | 17 | 4 | 0.15 | 0.39 | S 0570 Y 10 R |
| 92-2167 | | • | • | 3 | 19 | 78 | 3 | 3 | 0.06 | 0.50 | S 6005 R 80 B |
| 92-2171 | | • | • | 8 | 43 | 49 | 6 | 4 | 0.08 | 0.42 | S 2502 B |
| 92-2172 | | • | | 19 | 43 | 38 | 8 | 4 | 0.15 | 0.43 | S 0580 Y 70 R |
| 92-2175 | | • | • | 19 | 64 | 17 | 16 | 3 | 0.13 | 0.36 | S 0505 Y 20 R |
| 92-8204 | | • | | 17 | 47 | 36 | 8 | 2 | 0.13 | 0.41 | S 0585 Y 40 R |
| 92-8255 | | • | | 12 | 28 | 60 | 4 | 3 | 0.11 | 0.47 | S 1580 Y 90 R |
| 92-50260 | | • | | 5 | 14 | 81 | 4 | 4 | 0.07 | 0.51 | S 5040 R |
| 92-50261 | | • | | 15 | 40 | 45 | 6 | 5 | 0.12 | 0.43 | S 3050 Y 60 R |
| 92-50264 | | • | | 5 | 13 | 82 | 4 | 3 | 0.07 | 0.51 | S 6030 B 30 G |
| 92-50265 | | • | • | 9 | 49 | 42 | 6 | 3 | 0.08 | 0.40 | S 2010 Y 20 R |
| 92-50266 | | • | | 4 | 19 | 77 | 4 | 3 | 0.07 | 0.50 | S 6005 Y 50 R |
| 92-50267 | | • | | 6 | 27 | 67 | 3 | 3 | 0.08 | 0.47 | S 4040 Y 90 R |
| 92-50268 | | • | | 16 | 37 | 47 | 5 | 4 | 0.13 | 0.44 | S 2065 R 10 B |
| 92-50269 | | • | | 9 | 35 | 56 | 5 | 3 | 0.09 | 0.45 | S 2050 B 40 G |
| 92-50270 | | • | | 4 | 18 | 78 | 3 | 3 | 0.07 | 0.50 | S 5030 B |
| 92-50271 | | • | | 8 | 38 | 54 | 2 | 2 | 0.08 | 0.44 | - |
| 92-50272 | | • | • | 12 | 56 | 32 | 9 | 3 | 0.10 | 0.38 | S 1502 B |
| 92-50273 | | • | | 8 | 42 | 50 | 6 | 4 | 0.08 | 0.43 | - |
| 92-50274 | | • | | 8 | 35 | 57 | 4 | 3 | 0.08 | 0.45 | - |
| 92-50333 | | • | | 11 | 37 | 52 | 7 | 3 | 0.10 | 0.44 | S 2070 G 70 Y |
| 92-50336 | | • | | 7 | 18 | 75 | 3 | 3 | 0.08 | 0.50 | S 7020 R 30 B |
| 92-50342 | | • | | 6 | 10 | 84 | 4 | 4 | 0.08 | 0.52 | S 2020 R 80 B |

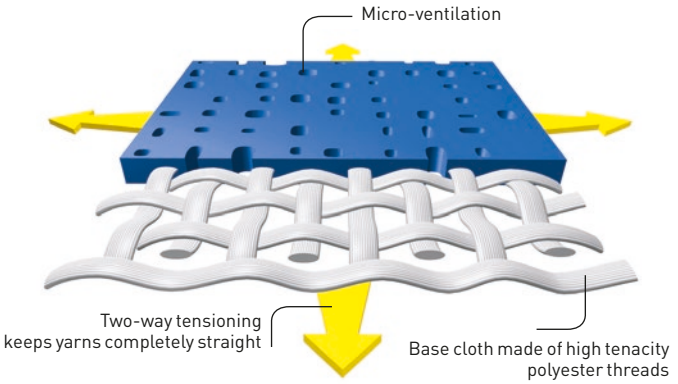
**TS:** Solar Transmission (%)
**RS:** Solar Reflection (%)
**AS:** Solar Absorption (%)
**TS + RS + AS =** 100% of incident energy
**$g_{tot}^{e}$:** External solar factor
**$g_{tot}^{i}$ :** Internal solar factor
Type "C" glazing: insulating, slightly emissive double glazing in position 3 (4 + 16 + 4 ; argon-filled) - g=0.59 - U=1.2.

**TV n-h:** Normal-hemispherical visible light transmission (%)
**TV n-n:** Normal-normal visible light transmission (%)

**A:** Aluminium face exposed to the sun
**B:** Coloured face exposed to the sun

# Exclusive **Précontraint Serge Ferrari®** technology

Patented worldwide, Précontraint Serge Ferrari® technology involves keeping the composite under tension throughout the manufacturing cycle.



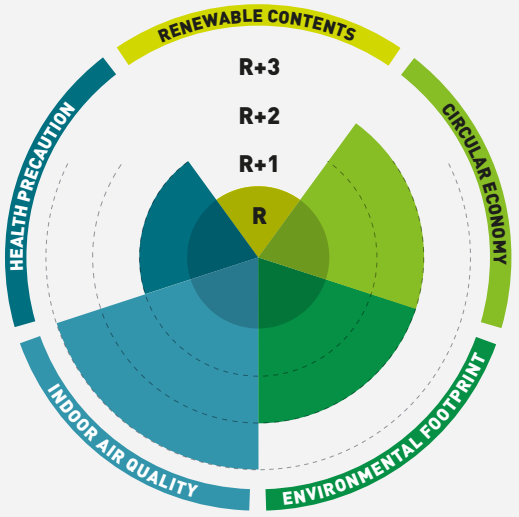

| Strength characteristics | Benefits* |
|---|---|
| • Exceptional dimensional stability | • **No material deformation during installation or usage** |
| • Long-term strength | • **No elongation, tear resistant** |
| • Greater coating thickness at the top of the yarns | • **Long-term strength and aesthetic quality**<br>• **Thinness** |
| • Exceptional flatness | • **Smooth surface, easy upkeep**<br>• **Compactness, easy rolling** |

**Benefits observed for normal product usage*

# ECO IDentity, health and environmental performance

Serge Ferrari assesses the health and environmental performance of its composite materials using 5 indicators. Level **"R"** represents the regulations or the basic offer without regulatory requirements. Higher levels represent voluntary advances that exceed regulations.

For more information: please ask for details.




## Soltis 92's ECO Identity profile

**RENEWABLE CONTENTS**
R: no bio-sourced constituent

**HEALTH PRECAUTION**
R+1: substance of very high concern (SVHC *) < 0.1% (substances authorised by REACH but listed by the European agency)

**INDOOR AIR QUALITY**
R+3: A+ health labelling classification AND Greenguard certification

**ENVIRONMENTAL FOOTPRINT**
R+2: specific assessment of an identified supplier

**CIRCULAR ECONOMY**
R+2: effective recycling through Texyloop

**SVHC (Substance of Very High Concern)*

**ECO IDentity complies with ISO 14021 environmental communication standard:**

- **exact,**
- **verifiable,**
- **pertinent,**
- **not misleading**

# SOLTIS 92

| Technical properties | Soltis 92 | Standards |
|---|---|---|
| Weight | 420 g/m² • 12.4 oz/sqyd | EN ISO 2286-2 |
| Thickness | 0.45 mm • 450 microns | |
| Width | 177 cm - 267 cm • 69.7 inches - 105.1 inches | |
| **Length of rolls** | | |
| Standard format length in 177 cm | 50 lm • 54.68 yds | |
| Standard format length in 267 cm | 40 lm • 43.74 yds | |
| **Physical properties** | | |
| Tensile strength (warp/weft) | 310/210 daN/ 5 cm | EN ISO 1421 |
| Tear strength (warp/weft) | 45/20 daN | DIN 53.363 |
| **Flame retardancy** | | |
| Rating | **B1**/DIN 4102-1 • BS 7837 • BS 5867 • **Schwerbrennbar-Q1-Tr1**/ONORM A 3800-1 • **Classe 1**/UNI 9177-87 • **M1**/UNE 23.727-90 • **VKF 5.2**/SN 198898 • 1530.3/**AS**/NZS • **G1**/GOST 30244-94 • **Method 1**/NFPA 701 • CSFM T19 • **Class A**/ASTM E84 | |
| Euroclass | **B-s2,d0/**EN 13501-1 | |
| **Management systems** | | |
| Quality | | ISO 9001 |
| **Certifications, labels, guarantees, recycling** | | |

The technical data above are average values with a +/- 5% tolerance.
The buyer of our products is fully responsible for their application or their transformation concerning any possible third party. The buyer of our products is responsible for their implementation and installation in compliance with standards, codes of practice and safety regulations in force in destination countries. For information on our contractual warranty, please refer to the relevant terms and conditions.
The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customers to make the best use of our products. Our products are subject to changes prompted by technological developments. We reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data.
For metallic and interferential colours, a difference in shade may be observed in different roll widths for the same reference: small width (1770 mm) and large width (2670 mm). We advise strongly against combined assembly of these.

## TOOLS AND SERVICES

- ACV and FDES (Health and Environmental Datasheet) available on request
- Personalised service for simulating your project's thermal performance and related Soltis solar protection systems: please contact your Serge Ferrari representative
- Tool for evaluating energy savings generated by Soltis solar protection systems: www.textinergie.org
- Document and photo libraries: www.sergeferrari.com

## → Contact

- Headquarters: + 33 (0)4 74 97 41 33
- Your local representative: www.sergeferrari.com

## → TEXYLOOP®

- The Serge Ferrari operational recycling chain
- Secondary raw materials of high intrinsic value compatible with multiple processes
- A quantified response to combat depletion of natural resources

www.texyloop.com

**www.sergeferrari.com**

Serge Ferrari



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