

Maximum opacity



.....  
**new** Colours  
Collection  
.....

### Applications

Indoor blinds

Façade blinds, glass roofs and shade structures, blinds for verandas  
(Soltis Opaque B92 and B702)



### ■ Selection of opacity level

A solution adapted according to your needs:

- Complete opacity: Soltis Opaque B92 and B99
  - Maximum opacity level (Class 4 according to EN 14501 standard)
  - ideal for the most light-sensitive areas: rooms for conserving artwork, radiology and photography labs, etc.
- Darkening: Soltis Opaque, B990 and B702

### ■ High-performance screens

- Soltis Opaque B92
  - no detectable transmission of visible light, infra-red rays or UV rays
  - resistance to harsh weather elements when used outdoors
- Soltis Opaque B702
  - optimal thermal comfort and darkening properties: the white side reflects heat while the black side darkens the room.
- Soltis Opaque B99 and B990
  - indoor applications only
  - light and slim for easy, unobtrusive integration.

### ■ Colour synergy

- Colour coordinated with other Soltis product lines
- Perfect architectural harmony
- White/white version: Soltis Opaque B990 (combining thermal comfort and quality design).

Soltis Opaque  
BLOCKS  
**100%**  
OF INCOMING LIGHT

Soltis Opaque  
BLOCKS UP TO  
**200 000** lux

### Soltis Opaque in 3 key points



**Dimensional stability**  
using Précontraint technology



**Easy to clean**

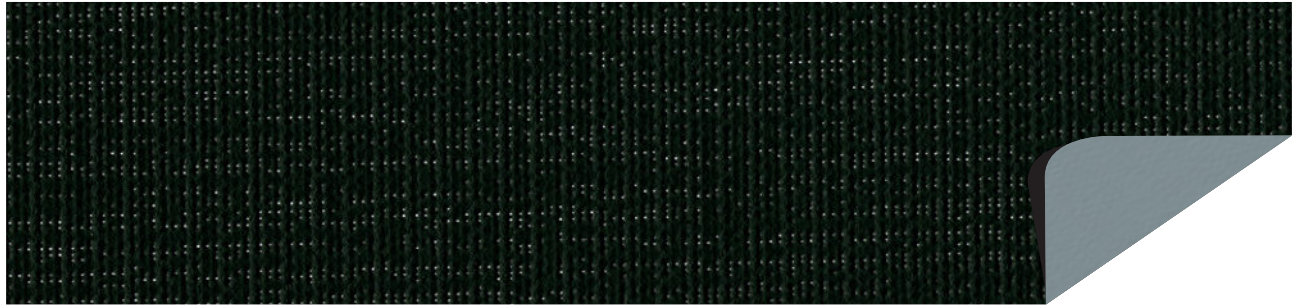


**Completely waterproof**



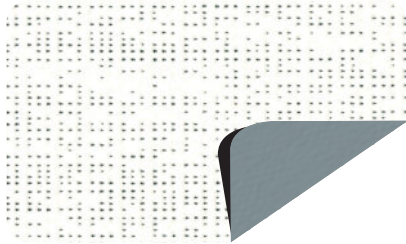
# Soltis Opaque B92

Indoor & outdoor applications



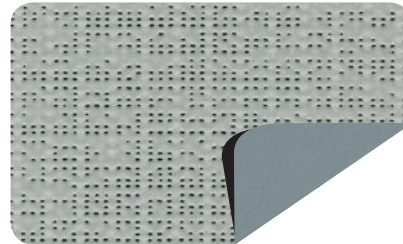
**new** Deep black 170 cm

B92-51176



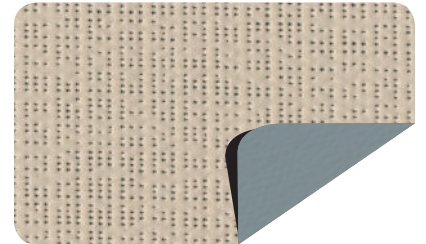
White 170 cm

B92-1044



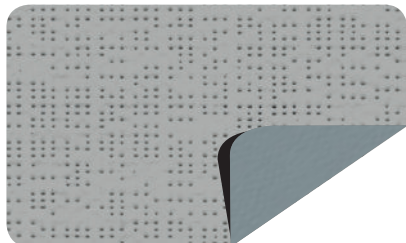
Pebble 170 cm

B92-2171



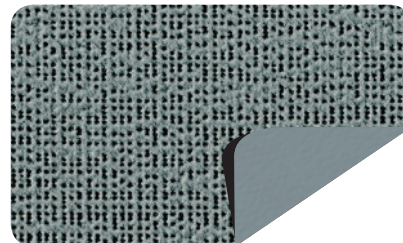
Sandy beige 170 cm

B92-2135



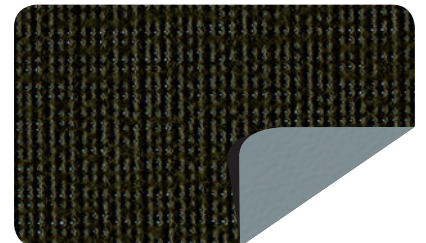
Aluminium 170 cm

B92-1046



Hammered metal 170 cm

B92-1045



Bronze 170 cm

B92-1043

# Soltis Opaque B702

Indoor & outdoor applications



Black 177 cm

B702-455

# Soltis Opaque B990

Indoor applications



**new** Snow white 170 cm

B990-51328

# Soltis Opaque B99

Indoor applications



**new** Snow white 170 cm

B99-51327



**new** Snow white 170 cm

B99-51327



Quartz 170 cm

B99-50285



Hemp 170 cm

B99-50287



Foam 170 cm

B99-50284



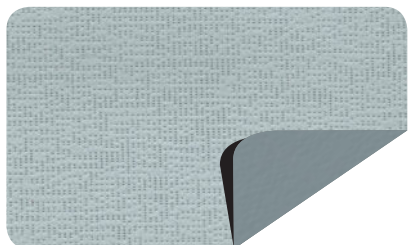
Light grey 170 cm

B99-50613



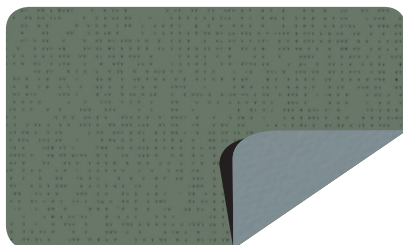
Clay 170 cm

B99-50288



**new** Aluminium 170 cm

B99-51936



Medium grey 170 cm

B99-50354



Anthracite 170 cm

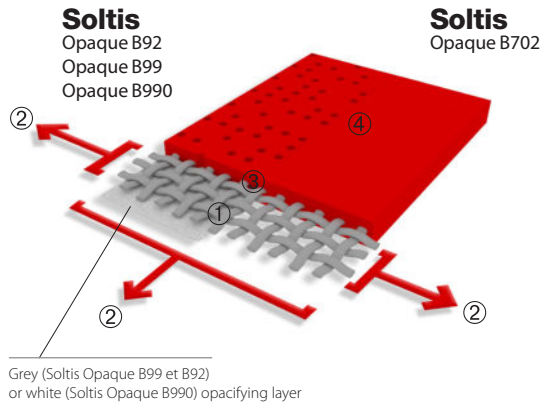
B99-50614

**new** Colours  
Collection



## Exclusive Précontraint® technology

This unique, globally patented technology consists in keeping the composite under bi-axial stress throughout the fabrication process. It provides our materials with exceptional performance properties, ensuring that they exceed market standards in terms of dimensional stability, mechanical strength, coating thickness and flatness.



High-tenacity polyester micro-yarn weave	①	Superior elongation and tearing strength
Coating under bi-axial stress in wrap and weft directions	②	No deforming during installation or use
Superior coating at the top of the yarns and dirt-resistant surface treatment	③	Longer mechanical and aesthetic lifespan
Exceptional flatness and thinness	④	Smooth, more streamlined surface, easy to clean and roll

## Light and solar properties (according to EN 14501 standard)

Soltis Opaque B92	RS	AS	ISO 52022-3* Type-D glazing	
			$g_{tot}^e$	$g_{tot}^i$
B92-1043	13	87	0,02	0,28
B92-1044	70	30	0,01	0,27
B92-1045	38	62	0,02	0,19
B92-1046	49	51	0,02	0,17
B92-2135	47	53	0,02	0,18
B92-2171	45	55	0,02	0,18
<b>new</b> B92-51176	6	94	0,02	0,28
B92-VERSO	29	71	0,03	0,22

Soltis Opaque B99	RS	AS	ISO 52022-3* Type-D glazing
			$g_{tot}^i$
B99-50284	62	38	0,13
B99-50285	60	40	0,14
B99-50287	47	53	0,18
B99-50288	40	60	0,20
B99-50354	25	75	0,18
B99-50613	45	55	0,18
B99-50614	8	92	0,27
<b>new</b> B99-51327	69	31	0,11
<b>new</b> B99-51936	49	51	0,18
B99-VERSO	29	71	0,22

Soltis Opaque B702	RS	AS	ISO 52022-3* Type-D glazing	
			$g_{tot}^e$	$g_{tot}^i$
B702-455	72	28	0,01	0,15
B702-455	6	94	0,04	0,29

Soltis Opaque B990	RS	AS	ISO 52022-3* Type-D glazing
			$g_{tot}^i$
<b>new</b> B990-51328	69	31	0,11
B990 VERSO	77	23	0,07

SR : Solar Reflection in %  
 SA : Solar Absorption in %  
 $g_{tot}^e$  : External Solar Factor  
 $g_{tot}^i$  : Internal Solar Factor

\*Detailed Method ISO 52022-3

Takes into account the transmission and reflection spectral values of glazing/blind complex to calculate the  $g_{tot}$  solar factor.

D-type glazing: insulating double glazing with 2-side low emissivity (4 + 16 +4; Argon filled)  
 $g = 0,32 - U = 1,1 \text{ W/m}^2 \text{ K}$ .

# Soltis Opaque

	Soltis Opaque B92	Soltis Opaque B99	Soltis Opaque B990	Soltis Opaque B702		
<b>■ Technical properties</b>					<b>Standards</b>	
Weight	650 g/m <sup>2</sup>	540 g/m <sup>2</sup>	650 g/m <sup>2</sup>	750 g/m <sup>2</sup>	EN ISO 2286-2	
Thickness	0,60 mm	0,47 mm	0,53 mm	0,60 mm		
Width	170 cm	170 cm	170 cm	177 cm		
<b>■ Roll length</b>						
Standard format	40 ml	40 ml	40 ml	40 ml		
<b>■ Physical properties</b>						
Breaking strength (warp/weft)	310/210 daN/5 cm	160/170 daN/5 cm	160/170 daN/5 cm	280/280 daN/5 cm	EN ISO 1421	
Tearing strength (warp/weft)	45/20 daN	11/13 daN	11/13 daN	30/28 daN	DIN 53.363	
Opacity class	<b>Class 4</b> (200 000 lux)	<b>Class 4</b> (140 000 lux)	<b>Class 3</b> (90 000 lux)	<b>Class 3</b> (130 000 lux)	EN 14501	
<b>■ Fire resistance</b>						
Class	<b>B1/DIN 4102-1</b> <b>Schwerbrennbar-Q1-Tr1/ONORM A 3800-1</b> <b>Class 2/UNI 9177-87</b> <b>VKF 5.3/SN 198898</b> BS 5867 <b>Method 1 and 2/</b> NFPA 701 <b>Class A/ASTME 84</b> <b>Classe 1/EN 13373</b> <b>G1/GOST 30244-94</b>	<b>B1/DIN 4102-1</b> <b>Method 2/NFPA 701</b>	<b>B1 / DIN 4102-1</b> <b>Method 2/NFPA 701</b>	<b>B1/DIN 4102-1</b> BS 7837 CAN ULCS109 <b>Schwerbrennbar-Q1-Tr1/ONORM A3800-1</b> <b>Classe 2/UNI 9177-87</b> <b>M2/UNE 23.727-90</b> <b>VKF 5.3/SN 198898</b> <b>1530.3/AS/NZS</b> <b>G1/GOST 30244-94</b> <b>Method 2/NFPA 701</b> CSFMT19		
Euroclass	<b>B-s2,d0</b>	<b>B-s2,d0</b>	<b>B-s2,d0</b>	<b>B-s2,d0</b>	EN 13501-1	
<b>■ Management system</b>						
Quality					ISO 9001	
Environmental impact					ISO 14001	
Energy					ISO 50001	
<b>■ Certifications, labels, warranties</b>						
     						
<b>■ Tools and services</b>						
<ul style="list-style-type: none"> <li>— Personalised thermal performance simulations for your projects and associated Soltis protection systems: please contact your Serge Ferrari representative</li> <li>— Tool for evaluating energy savings generated by Soltis solar protection systems: <a href="http://www.textinergie.org">www.textinergie.org</a></li> <li>— Document and photo libraries: <a href="http://www.sergeferrari.com">www.sergeferrari.com</a></li> </ul>						

The technical data above are average values with a +/- 5% tolerance.  
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