

Maximum opacity



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

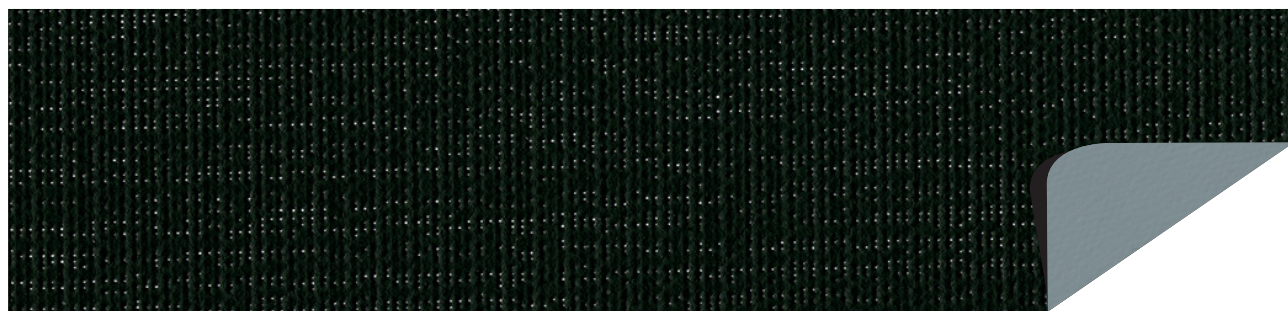


Completely waterproof



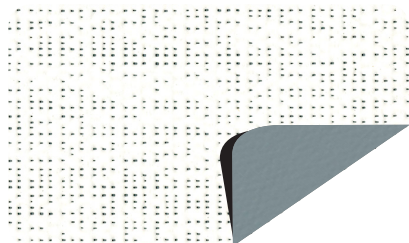
Soltis Opaque B92

Indoor & outdoor applications



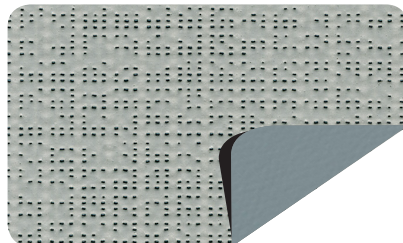
new Deep black 170 cm

B92-51176



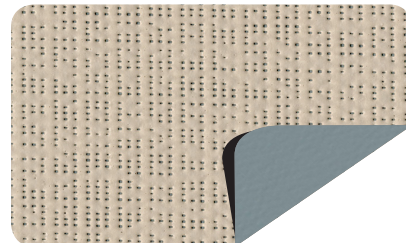
White 170 cm

B92-1044



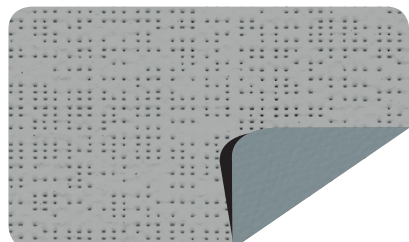
Pebble 170 cm

B92-2171



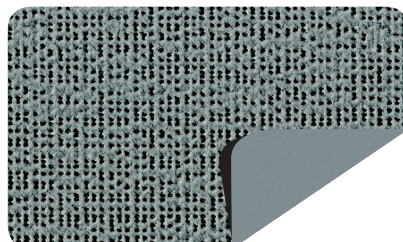
Sandy beige 170 cm

B92-2135



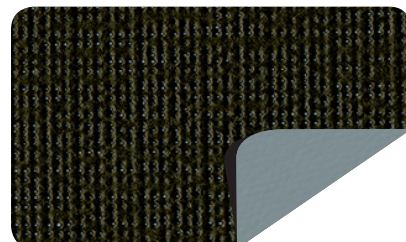
Aluminium 170 cm

B92-1046



Hammered metal 170 cm

B92-1045



Bronze 170 cm

B92-1043

Soltis Opaque B702

Indoor & outdoor applications

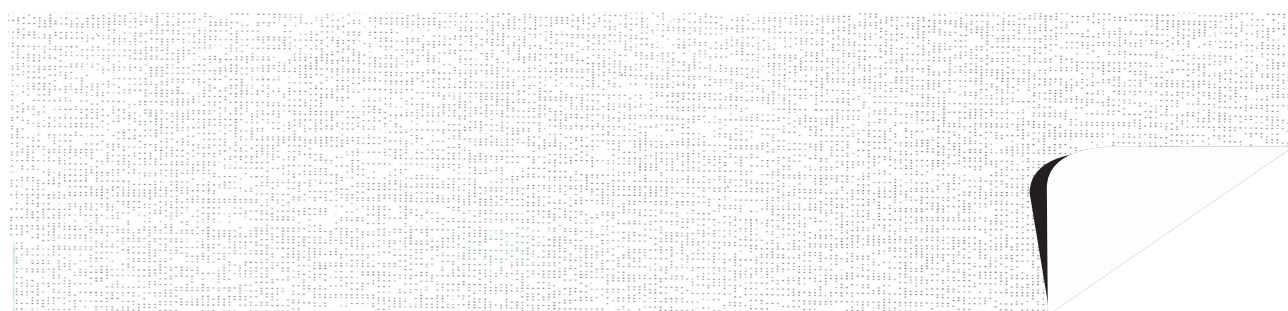


Black 177 cm

B702-455

Soltis Opaque B990

Indoor applications



new Snow white 170 cm

B990-51328

The colours and constructions presented in this digital file are provided for indicative purposes only

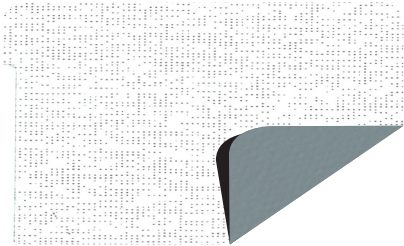
Soltis
Opaque B99

Indoor applications



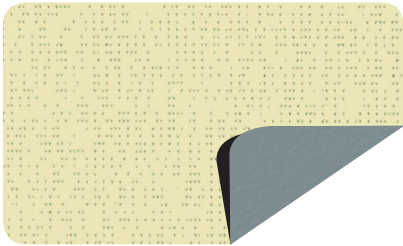
new Snow white 170 cm

B99-51327



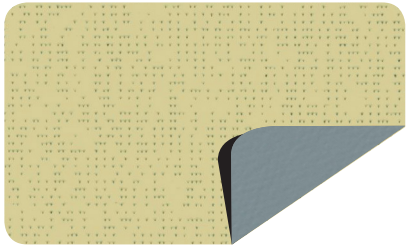
new Snow white 170 cm

B99-51327



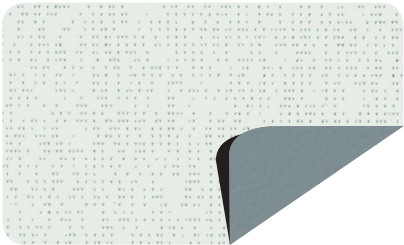
Quartz 170 cm

B99-50285



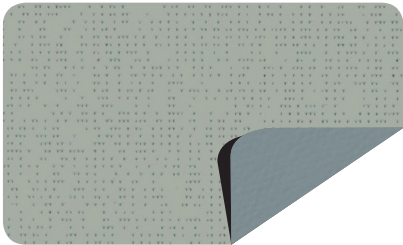
Hemp 170 cm

B99-50287



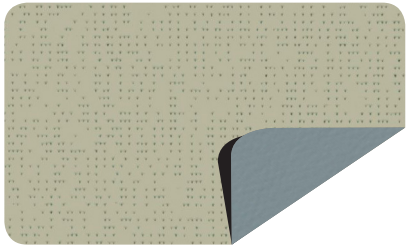
Foam 170 cm

B99-50284



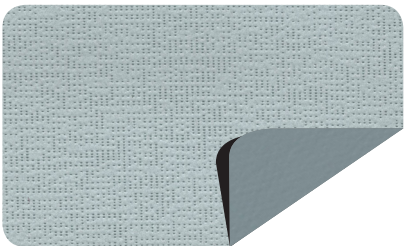
Light grey 170 cm

B99-50613



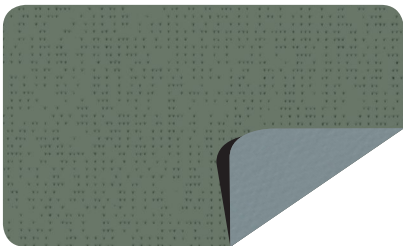
Clay 170 cm

B99-50288



new Aluminium 170 cm

B99-51936



Medium grey 170 cm

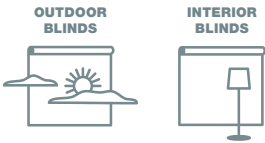
B99-50354



Anthracite 170 cm

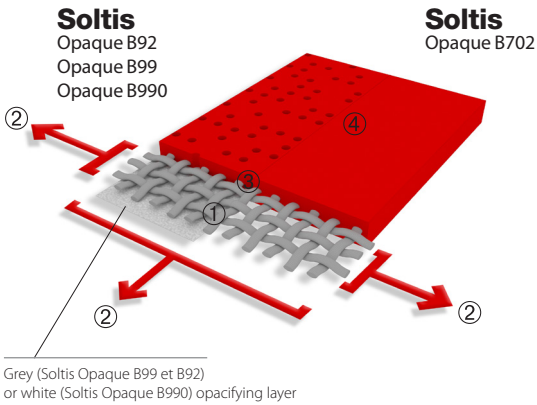
B99-50614

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

Grey (Soltis Opaque B99 et B92)
or white (Soltis Opaque B990) opacifying layer

■ 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
new 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
new B99-51327		69	31	0,11
new 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
new 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 W/m² K.

Soltis Opaque

Soltis Opaque B92	Soltis Opaque B99	Soltis Opaque B990	Soltis Opaque B702
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■ Technical properties

	Technical properties				Standards
Weight	650 g/m ²	540 g/m ²	650 g/m ²	750 g/m ²	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	

■ Roll length

Standard format	40 ml	40 ml	40 ml	40 ml
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■ Physical properties

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	Class 4 (200 000 lux)	Class 4 (140 000 lux)	Class 3 (90 000 lux)	Class 3 (130 000 lux)	EN 14501

■ Fire resistance

Class	B1 /DIN 4102-1 Schwerbrennbar-Q1-Tr1 /ONORM A3800-1 Class 2 /UNI 9177-87 VKF 5.3 /SN 198898 BS 5867 Method 1 and 2 /NFPA 701 Class A /ASTME 84 Classe 1 /EN 13373 G1 /GOST 30244-94	B1 /DIN 4102-1 Method 2 /NFPA 701	B1 / DIN 4102-1 Method 2 /NFPA 701	B1 /DIN 4102-1 BS 7837 CAN ULCS109 Schwerbrennbar-Q1-Tr1 /ONORM A3800-1 Classe 2 /UNI 9177-87 M2 /UNE 23.727-90 VKF 5.3 /SN 198898 1530.3 /AS/NZS G1 /GOST 30244-94 Method 2 /NFPA 701 CSFMT19	
Euroclass	B-s2,d0	B-s2,d0	B-s2,d0	B-s2,d0	EN 13501-1

■ Management system

Quality	ISO 9001
Environmental impact	ISO 14001
Energy	ISO 50001

■ Certifications, labels, warranties



■ Tools and services

- Personalised thermal performance simulations for your projects and associated Soltis 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

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

Buyers of our products are responsible for their application or their transformation with regard to possible third party rights. Buyers of our products are also responsible for their installation and use in accordance with the standards, working practices and safety regulations in force in the destination country. Please refer to our warranty documentation for more information on the contractual warranty.

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