

SOLTIS® Black out

SOLTIS® B99 - SOLTIS® B92 - SOLTIS® B702

Black out textiles for solar protection

Main applications:

Facade blinds - Internal blinds

High-performance textiles

The new Soltis® Black out fabrics offer two degrees of opaqueness for solutions suited to different screening needs.

• Black-out: Soltis® B92

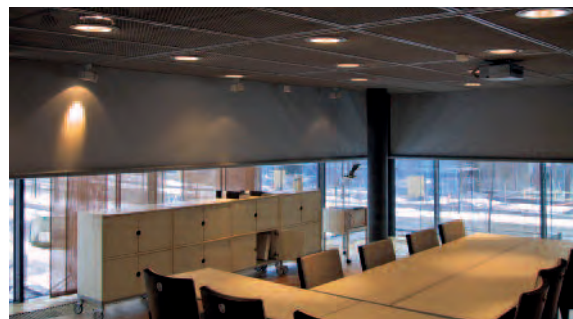
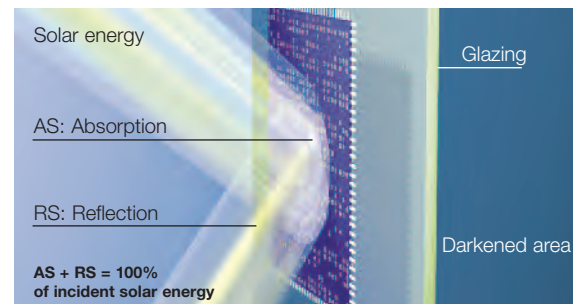
Soltis® B92 allows no detectable visible light, infrared or UV radiation transmission. All components of the solar spectrum are therefore blocked.

Based on European Standard EN14501, Soltis® B92 provides a maximum (Class 7) performance level attributed to textiles that are opaque at 100,000 lux.

• Darkening: Soltis® B99 et B702

Based on European Standard EN 14501, Soltis® B99 and B702 are Class 6, characterising textiles that at opaque at 1,000 lux.

Black-out principle



Conference hall - Scandinavia

Multipurpose textiles

• **Soltis® B92** fabrics are very resistant to the climatic degradation and can be used for external or internal blinds.

Externally, they provide very efficient solar protection and advantageously replace traditional roller blinds at any level.



Classroom - France

Coloris coordonnés

All colours in the Soltis® Black out range can be perfectly coordinated with all other Soltis® ranges, thereby equipping certain rooms with solar protection and others with screening on the same facade.

The 5 colours in the Soltis® B99 range have been created to harmonise with all forms of internal decoration.



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www.ferrari-architecture.com

FERRARI
architecture



Solar Protection

SOLTIS® Black out

SOLTIS® B99 - SOLTIS® B92 - SOLTIS® B702

Technical properties	Soltis® B92	Soltis® B99	Soltis® B702	Standards
Weight	650 g/m ²	600 g/m ²	750 g/m ²	EN ISO 2286-2
Thickness	0,60 mm	0,48 mm	0,60 mm	
Roll width	170 cm	177 cm	180 cm	
Tensile strength (warp/weft)	330/220 daN / 5 cm	160/170 daN / 5 cm	280/280 daN / 5 cm	EN ISO 1421
Tear strength (warp/weft)	45/25 daN	11/13 daN	30/28 daN	DIN 53.363
Flame retardancy	M2/NFP 92-507 METHOD 1/NFPA 701 B1/DIN 4102-1 B1/ONORM A 3800-1 CLASS 1/UNI 9177 VKF 5.2/SN 198898	M2/NFP 92-507 B1/DIN 4102-1	M2/NFP 92-507 METHOD 2/NFPA 701 CSFM T19 B1/DIN 4102-1 BS 7837 B1/ONORM A3800-1 CLASS 1/UNI 9177 M2/UNE 23.727 VKF 5.2/SN 198898	
Euroclass	B-s2,d0/EN 13501-1	B-s2,d0/EN 13501-1		
Roll length	40 lm	40 lm	40 lm	
Fungistatic treatment	degree 0, excellent	degree 0, excellent	degree 0, excellent	EN ISO 846-A
Quality management system				ISO 9001

The above technical characteristics are average values quoted for information only and are subject to modification.

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 Taxyloop® 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.taxyloop.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

FERRARI



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SOLTIS® B92 Internal and external applications

B92-1043

B92-1044

B92-1011



B92-1002



B92-1046



B92-1043



B92-1045



SOLTIS® B99 Internal applications

B99-2085

B99-2055

B99-2075

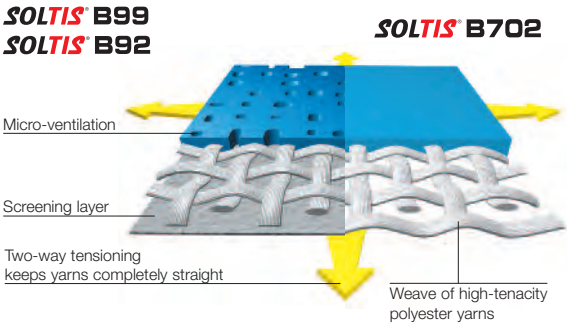
B99-2058

B99-2056

SOLTIS® B702 Internal and external applications

B702-455

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.








Soltis® B92 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.

Solar and light properties (according to EN 14501)

References	RS	AS	g _{tot} [*]	g _{tot} ^l	
SOLTIS B99					
	B99-2055	57	43	-	0.38
	B99-2056	44	56	-	0.42
	B99-2058	41	59	-	0.42
	B99-2075	54	46	-	0.39
	B99-2085	50	50	-	0.40
	B99- Verso	39	61	-	0.43

References	RS	AS	g _{tot} [*]	g _{tot} ^l	
SOLTIS® B92					
	B92-1002	54	46	0.02	0.39
	B92-1011	43	57	0.03	0.42
	B92-1043	12	88	0.05	0.52
	B92-1044	72	28	0.01	0.33
	B92-1045	35	65	0.03	0.44
	B92-1046	49	51	0.03	0.40
	B92 Verso	29	71	0.04	0.46

SOLTIS® B702					
	A* B702-455	72	28	0.02	0.33
	B* B702-455	6	94	0.05	0.53

RS: Solar Reflection as a %
AS: Solar Absorption as a %
g_{tot}^{*}: External solar factor
g_{tot}^l: Internal solar factor
C type glazing: insulating, slightly emissive double glazing in position 3 (4 + 16 + 4; Argon filled).
A*: White side exposed to sun
B*: Black side exposed to sun

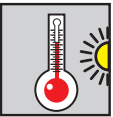
SOLTIS® Black out Technical features



Tear resistance



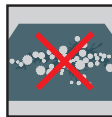
Won't sag



Thermal comfort



Dim out
Black out (B92)



Fungistatic treatment



Long life



Easy maintenance



Flame retardant



UV resistance



Space-saving



100% recyclable textile



Safety textile