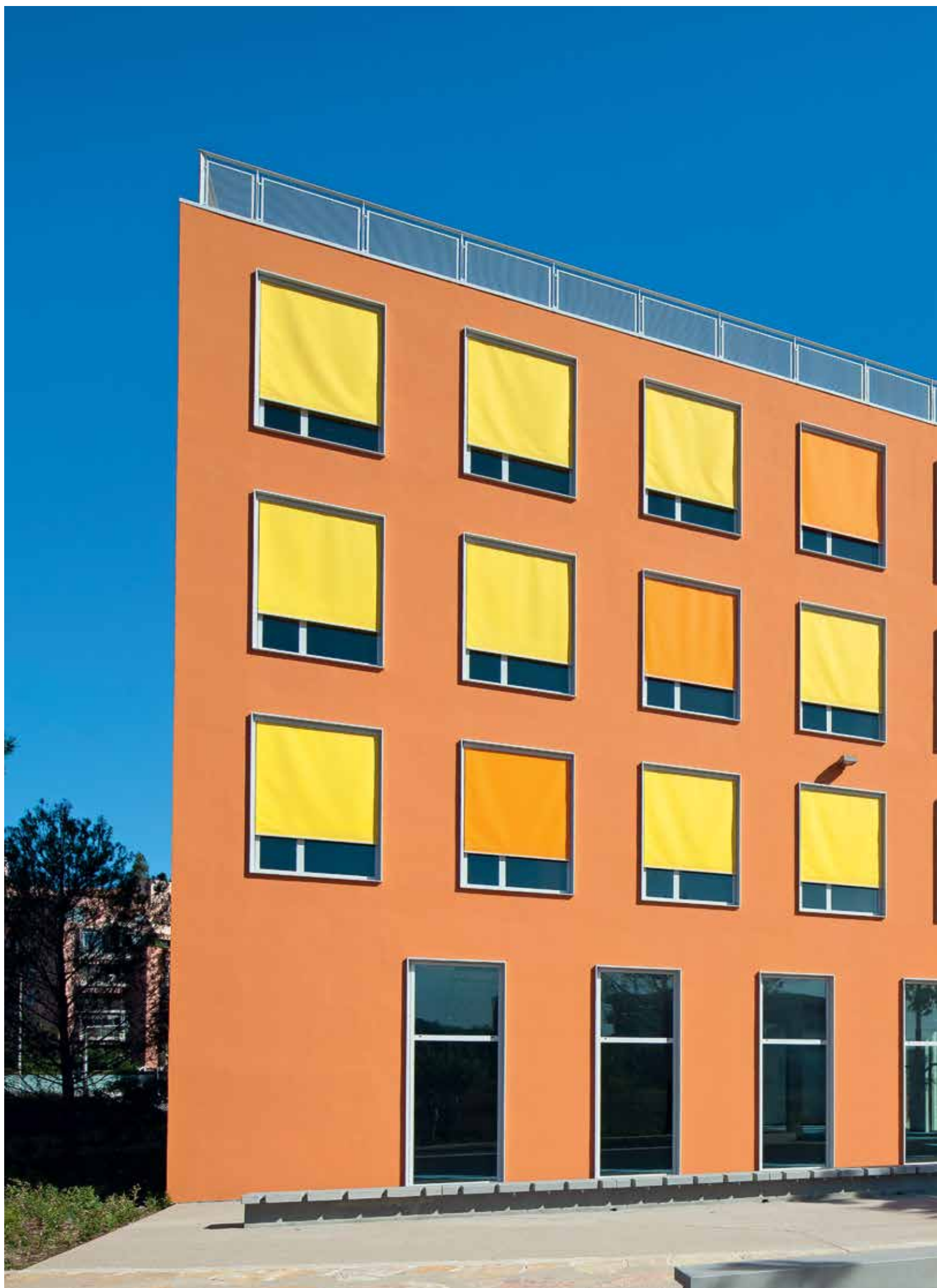


**Facade awnings from Griesser.
Soloscreen®**

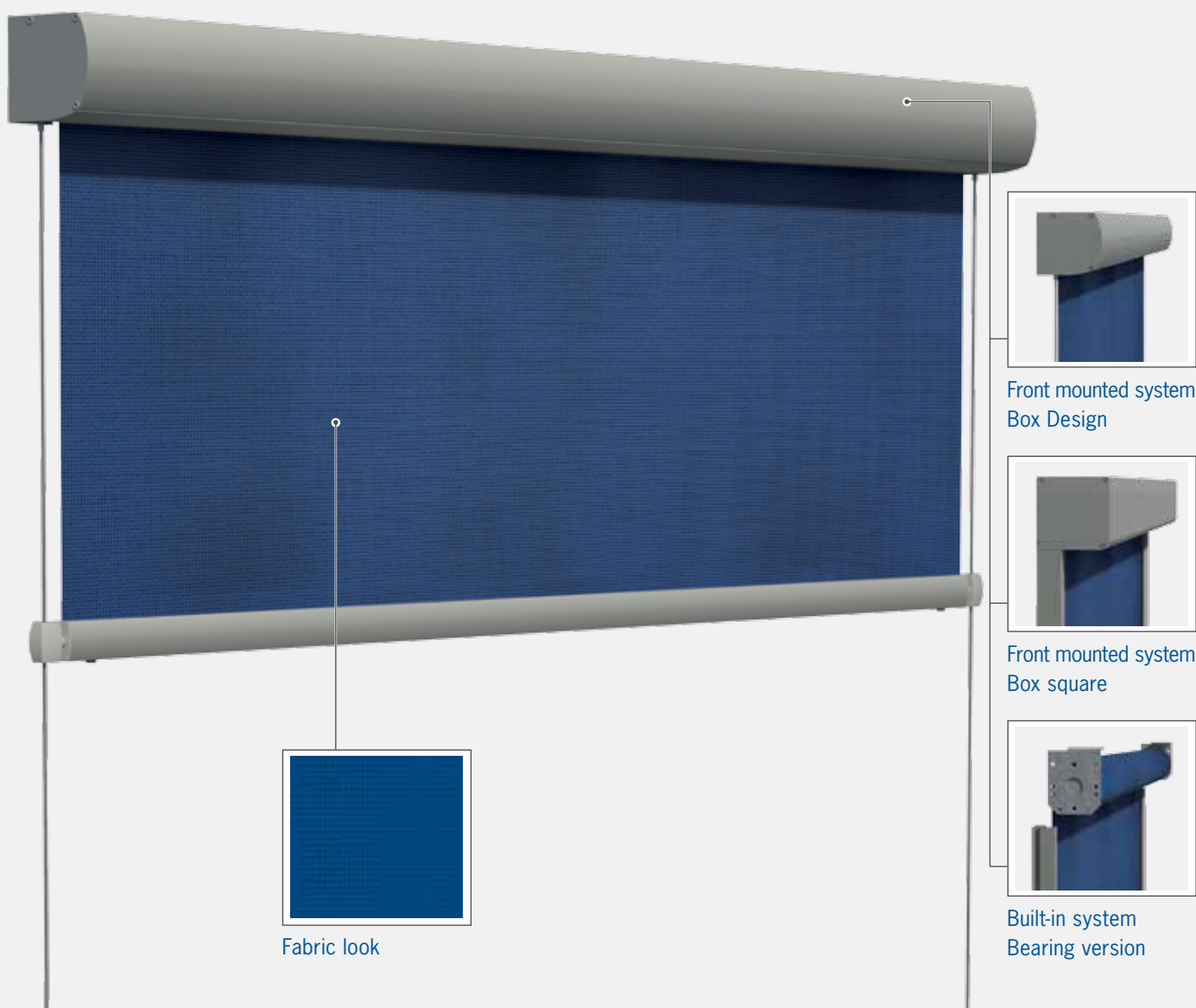




Soloscreen®

We developed Soloscreen® for smaller window areas in tight spaces. This vertical awning is available in two installation variants: Built-in system for discreet integration in the facade or front mounted system, which requires no lintel. Everything is housed in a box, which is available in a number of standard sizes and shapes. Whether you're looking for a circular, semicircular, rectangular, small or large box – you're sure to find the right model to match the facade architecture. Soloscreen® protects from bright sunlight but still provides a view outside at all times.





Product highlights Soloscreen®



Guide cable or guide rails available

PRODUCT ADVANTAGES IN DETAIL



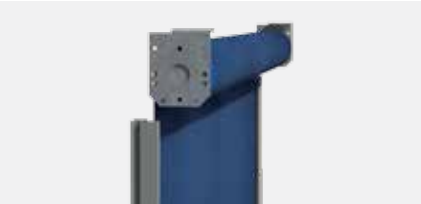
Fabric look

The two material collections, Soltis and Screen, offer a large selection of very different colors. You can choose the material that fits your facade – we're happy to advise you.



Front mounted system

Our front mounted system is available in the both Box Design and Box Square. Both boxes can be fitted with guide cable or rails.



Built-in system

The built-in system can be discreetly integrated into your facade. The bearing version is also available with guide cable or rails.

Fabric collections and colors

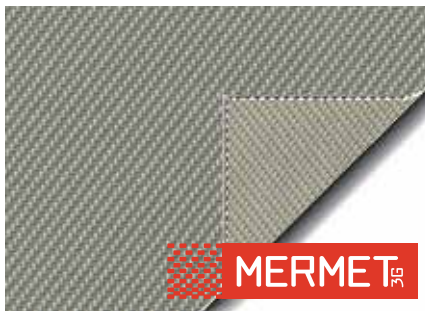
The image shows a close-up of a dark blue fabric with a fine, woven texture. A white wavy border runs across the middle of the frame. Inside this border, the word 'Marché' is printed in a large, white, sans-serif font, followed by a registered trademark symbol (®). Below 'Marché', the word 'RESTAURANT' is printed in a smaller, white, sans-serif font. The fabric appears to be part of a larger piece, possibly a screen or a banner, as indicated by the wavy border and the perspective.

Marché®
RESTAURANT

COLLECTION SOLTIS



COLLECTION SCREEN



A VERSATILE WORLD OF MATERIALS

Soltis gauzes

A broad selection of colours is offered by the Soltis Collection, which includes the fabric types Soltis 86, Soltis 92, Soltis Black out B92 and B702. The latticed fabric lends the shaded room a natural brightness and provides the necessary solar shading. The Soltis Black out Collection is impermeable to light.

Screen gauze

The Screen materials feature a wide range of colors. The unusual patterns are an instant eye-catcher, lending the material a special touch. The Classic Satiné 5500 gauze allows plenty of brightness into the room.

Collection Soltis / Screen

Outstanding heat protection (depending on the colour selected, up to 97 % of the solar energy is reflected)

Offers an ideal view to the outside without glare

With opaque fabrics

Complete darkening (100 % of the visible light and UV radiation is blocked)

FABRIC RECOMMENDATIONS FOR FUNCTIONAL BUILDINGS

In the interest of thermal protection, the g-value must be $\leq 10 \%$

To ensure adequate protection from glare, transparency must be $\leq 5 \%$

Light transmittance must be $\geq 5 \%$ to provide optimal utilisation of daylight

To obtain the best possible thermal protection, a fabric with the lowest thermal transmittance (T_e) possible should be chosen, and the colour should be rather dark

OUR COLORS

Basic

Extruded aluminium parts are transparently anodized, cast parts are untreated and sandblasted (spacers baked enamel finish RAL 9006), the steel parts are galvanized.

PREMIUM COLORS

GriColors

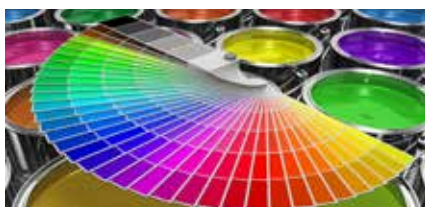
The GriColors range includes 100 color shades in four collections, Glass & Stone, Sun & Fire, Water & Moss and Earth & Wood – from cool white and sunny red to natural blue and earthy brown.

Collection GriRal Colors

Our GriRal color collection has an assortment of 50 different RAL shades of color. From sand yellow to standard white, we offer a complete selection of hues for every color family. We're convinced that with our color palette, you will find exactly the right shade of color for your needs.

SPECIAL COLORS

Color means individuality - there are practically no limits to our Special Colors. No wish goes unanswered with additional innumerable and facade-ready color tones.





Our comfort

CONTROLS

Soloscreen® can be operated through a variety of control systems, from a simple hand-held transmitter to a master control or a building management system, depending on the time, position of the sun and the weather.

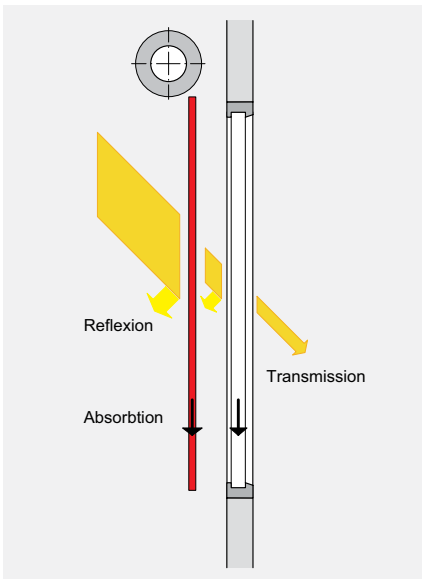
Thermal comfort

The ambient conditions change over the course of the day and during the seasons. With a blinds control device from Griesser, you can adjust your solar shading to match your personal requirements in accordance with changing exterior circumstances. And making these adjustments is so simple that you will still have time to take care of the important things in your life.

An optimal daylight concept makes artificial air conditioning superfluous in the summer. You save energy costs and may well also avoid one or another unwanted summer cold. In the winter, on the other hand, a solar shading system can protect you against cold and allow the scarce rays of the sun into the room, thus saving once again on energy costs, not to mention facial tissues.

Visual comfort

Feeling at ease especially means being able to decide on the amount of privacy you would like in your own home. The Soloscreen® shelters you from uninvited glances from the outside world.



BiLine hand-held transmitter



Centrero server for iPad and iPhone operation

BiLine - RADIO CONTROLS

The Griesser BiLine control system offers reliable radio transmission combined with contemporary design and an esthetic that fits in unobtrusively in any surroundings. Wireless systems have the advantage of being installed quickly, not only in new buildings but also when refitting an automated system in existing buildings.



KNX HOME AND BUILDING AUTOMATION

The Griesser KNX solar shading controller is an integrated master control with extensive functionalities for any building of any size. With proven functions such as solar tracking and horizon limitation, it meets the highest expectations for solar shading control.



KNX controls per iPad



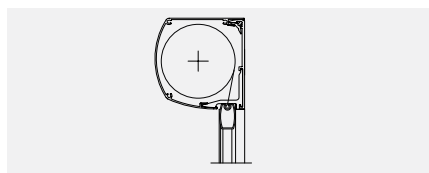






Technology in detail

INSTALLATION SYSTEM

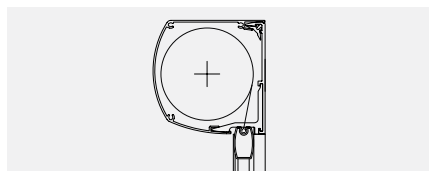
Box Design 65




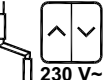


Soloscreen® Box Design 65

Guide style	Operation	Fabric	Max. width	Max. height	Max. surface area
	Single awning				
Guide rails Rope		Classic Satiné 5500	2400	2000	7.2 m²
		Soltis 86 / 92		3000	
		Soltis B92 / B702		2500	
	Connected systems (max. 3 awnings)				
Guide rails Rope		Classic Satiné 5500	3000	2000	6.9 m²
		Soltis 86 / 92		3000	9 m²
		Soltis B92 / B702		2500	7.5 m²

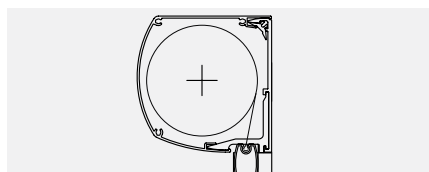
Box Design 75







Soloscreen® Box Design 75

Guide style	Operation	Fabric	Max. width	Max. height	Max. surface area
Single awning					
Guide rails Rope		Classic Satiné 5500	2800	2200	8.4 m²
		Soltis 86 / 92		2800	
		Soltis B92 / B702		2500	
Connected systems (max. 3 awnings)					
Guide rails Rope		Classic Satiné 5500	4000	2200	10 m² 
		Soltis 86 / 92		2800	15 m² 
		Soltis B92 / B702		2500	

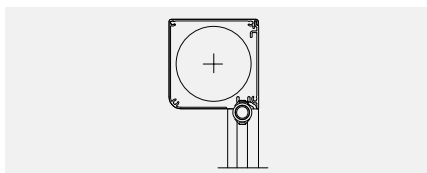
Box Design 90



Soloscreen® Box Design 90



Guide style	Operation	Fabric	Max. width	Max. height	Max. surface area
Single awning					
Guide rails Rope		Classic Satiné 5500	2800	3000	8.4 m²
		Soltis 86 / 92			
		Soltis B92 / B702			
Connected systems (max. 3 awnings)					
Guide rails Rope		Classic Satiné 5500	5000	3000	10 m² 
		Soltis 86 / 92			15 m² 
		Soltis B92 / B702			

Box square 75 Fix

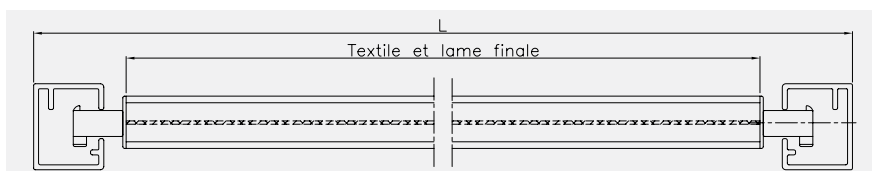


Soloscreen® Box Fix version

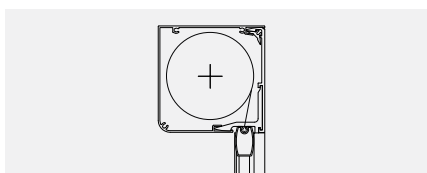
Soloscreen® Box 75 square Fix

Guide style	Operation	Fabric	Max. width	Max. height	Max. surface area
Guide rails	Single awning 	Classic Satiné 5500	2400	2800	6.25 m ²
		Soltis 86 / 92			
		Soltis B92 / B702			
Guide rails	 230 V~	Classic Satiné 5500	2500	2500	6.25 m ²
		Soltis 86 / 92		2800	
		Soltis B92 / B702		2500	



Horizontal section



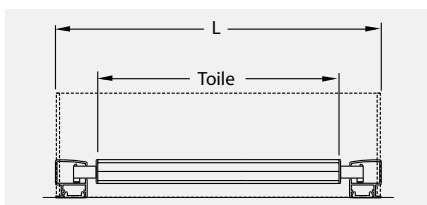
Box square 90



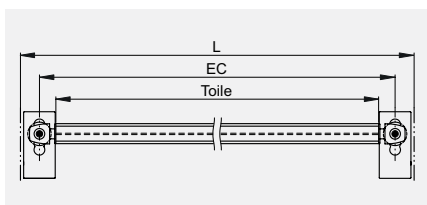
Soloscreen® Box square 90

Guide style	Operation	Fabric	Max. width	Max. height	Max. surface area
Guide rails Rope	Single awning  230 V~	Classic Satiné 5500	2800	3000	8.4 m ²
		Soltis 86 / 92			
		Soltis B92 / B702			
Guide rails Rope	Connected systems (max. 3 awnings)  230 V~	Classic Satiné 5500	5000	3000	10 m ²
		Soltis 86 / 92			15 m ²
		Soltis B92 / B702			

Horizontal section

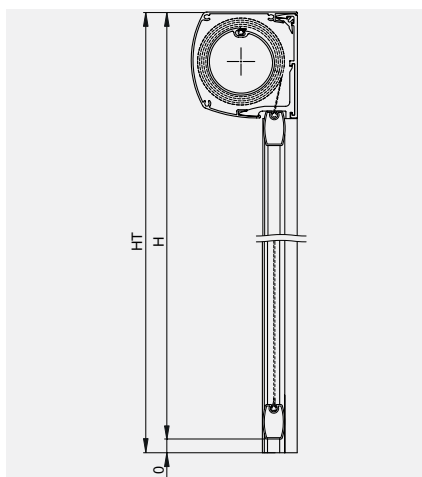


Guide rails

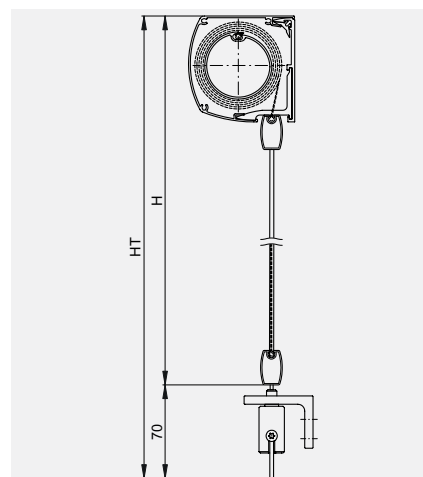


Rope

Vertical section



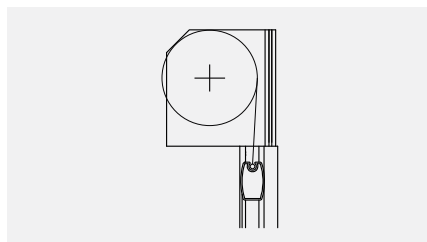
Guide rails





Rope

BUILT-IN SYSTEM

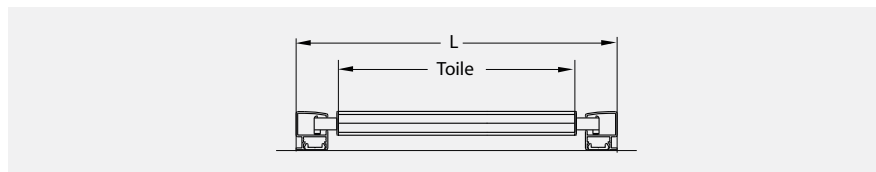
Soloscreen® Fix



Soloscreen® Fix

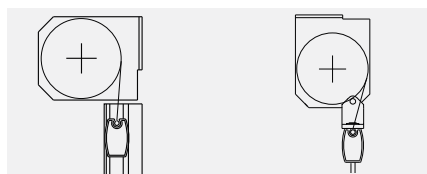
Guide style	Operation	Fabric	Max. width	Max. height	Max. surface area
Guide rails	Single awning				
		Classic Satiné 5500			
		Soltis 86 / 92	2000	2500	4 m ²
		Soltis B92 / B702			

Horizontal section









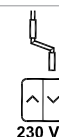
Guide rails Fix

Soloscreen® Traditional

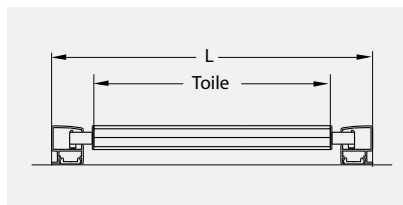


Soloscreen® Traditional

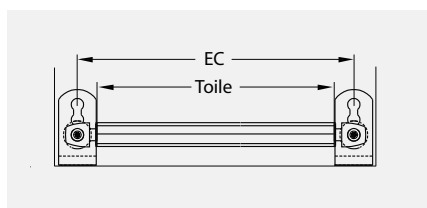
Guide style	Operation	Fabric	Max. width	Max. height	Max. surface area
Guide rails Rope	Single awning				
		Classic Satiné 5500		2500	
		Soltis 86 / 92	2400	3000	7.2 m ²
		Soltis B92 / B702		2500	
Guide rails Rope		Classic Satiné 5500			
		Soltis 86 / 92	2800	3000	8.4 m ²
		Soltis B92 / B702			
Guide rails Rope		Classic Satiné 5500			10 m ²
		Soltis 86 / 92	4000	3000	15 m ²
		Soltis B92 / B702			



Horizontal section

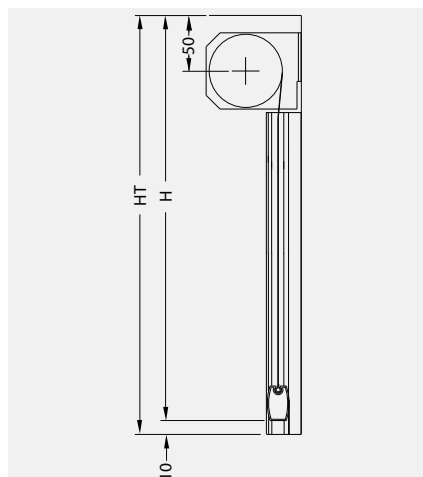


Guide rails

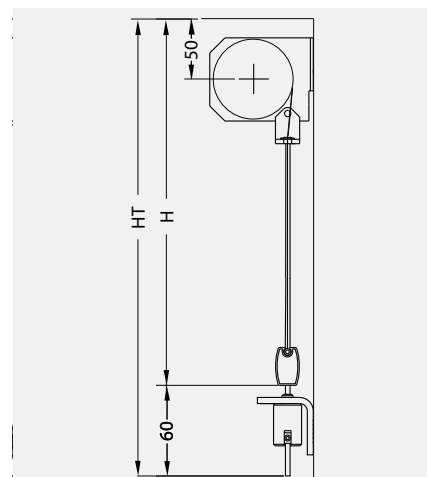


Rope

Vertical section



Guide rails



Rope



KEY

HT = gh Total height

L = bk Guide rail

EC = bk Guide cable

Toile = Width of material

All dimensions in mm.



Your partner:

Griesser solar shading – Quality since 1882.
www.griessergroup.com

