

**Facade awnings from Griesser.
Solozip® II**





Solozip® II

Are you looking for a facade awning that provides needed solar shading even when it's windy? Our zip system is exactly what you need! The zipper closure is welded onto the fabric, guiding the material into the elegant and discrete covered guides all along the entire height – and holding it securely. This cleverly designed zip system also works for large surfaces and gives added resistance in wind or bad weather. The Solozip® II even withstands winds of up to 92 km/h.

Select your facade awnings from one of our two contemporary fabric collections with a large assortment of colors that help you integrate your solar shading perfectly with your facade design.



Solozip® II is available as a MINERGIE® module in an automated version.



Box square



Box Design



Built-in system



Click-open front side



Large surfaces

Product Highlights Solozip® II



Guides without visible screws



Wind-resistant zipper system

PRODUCT ADVANTAGES IN DETAIL



Large surfaces

Large glass pane fronts are common in today's architecture. Our zip facade awnings offer the perfect solution for you. Depending on the version, surfaces up to 18 square meters can be shaded.



Wind-resistant zipper system

Wind tests at the Institut Saint-Cyr l'Ecole IAT showed that Solozip® II can be used with up to Wind Class 6, depending on the dimensions listed in the technical data sheet for Wind Classes for facade awnings.



Integrated or front extension options

Whether you need an integrated variation or a front extension, we have the right solution. Should it be a designer box or rather a square one? All boxes are available in two sizes. And if its an integrated solution you need, we naturally have those as well.



Elegant drop profile

Elegant drop profile, filled with ecological sand.



Click-open front side

For easy adjustment of the end point, the front side of the box can be simply clicked open.



Fabric spindle for rapid dismantling

The fabric spindle can be quickly disassembled using the special system.



Guides without visible screws

Special attention was put on design when we developed the Solozip® II. For instance, whenever possible, attachments which are screwed are hidden. This means that the guide rails have no visible screws.

FRONT MOUNTED SYSTEM WITH BOX



Solozip® II Box 100 square



Solozip® II Box 130 square



Solozip® II Box 100 Design



Solozip® II Box 130 Design



BUILT-IN SYSTEM



Solozip® II Built-in System



Solozip® II Box 100 Built-in System

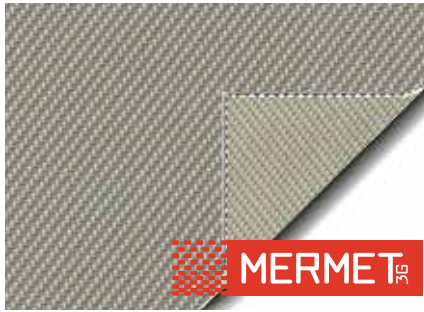


Solozip® II Box 130 Built-in System





COLLECTION SCREEN



A VERSATILE WORLD OF MATERIALS

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.

Soltis gauzes

A broad selection of colours is offered by the Soltis Collection, which includes the fabric types Soltis 86, Soltis 92, Soltis 93, 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.

COLLECTION SOLTIS



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.

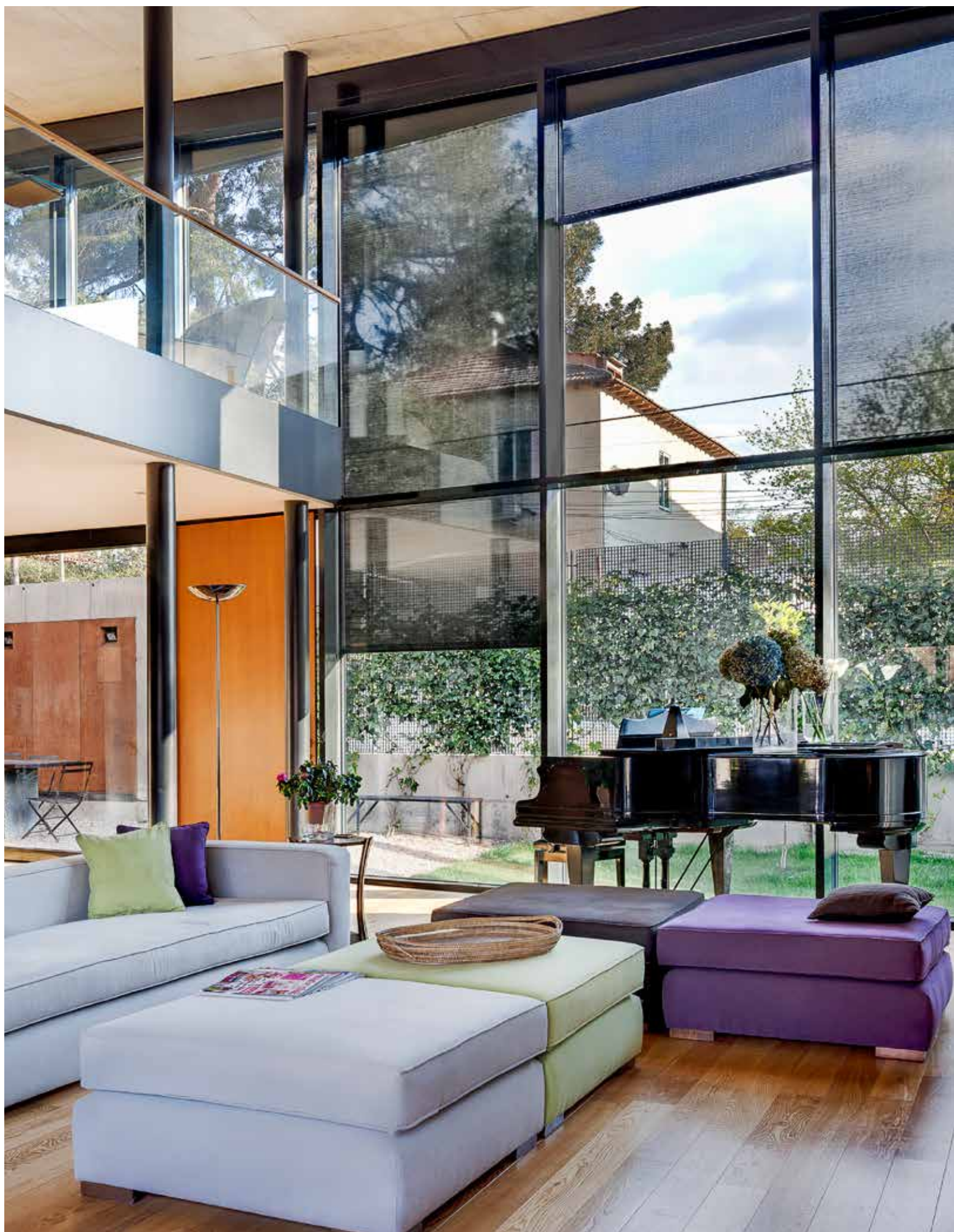
COLORS

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.

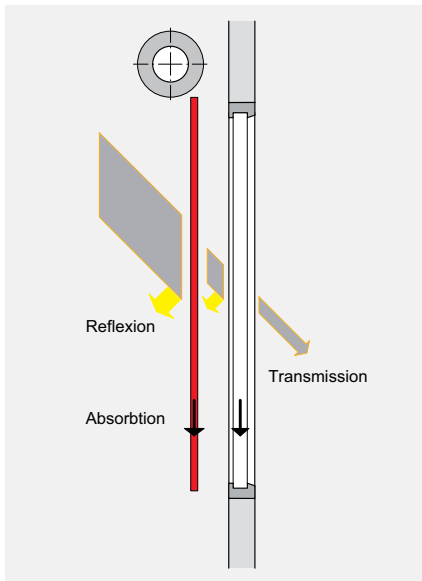


GriColors



CONTROLS

Solozip® II 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 Solozip® II shelters you from unwanted 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.



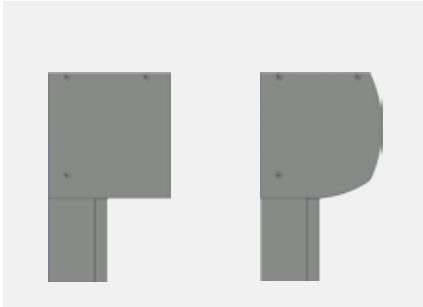
KNX controls per iPad



Technology in detail

FRONT MOUNTED SYSTEM WITH BOX

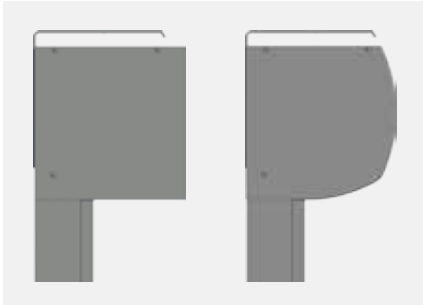
Solozip® II Box 100 Fix



Box 100 Fix

Guide style	Fabric	bk min.	bk max.	gh* max.	A max.
Guide rails standard	Classic Satiné 5500		4000		12
	Soltis 86 / 92 / 93	800		3000	
Guide rails reduced	Soltis B92 / B702		3000		9

Solozip® II Box 130

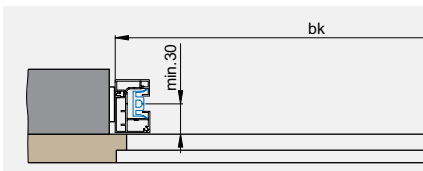


Box 130

Guide rails	Fabric	bk min.	bk max.	gh* max.	A max.
	Classic Satiné 5500		6000	6000	18
Guide rails standard	Soltis 86 / 92 / 93	800	4500		
	Soltis B92 / B702		4000	5000	15

All versions motorized only, not for coupling

Horizontal section



Installation tolerance: +/- 2 mm

Key

bk = Width of construction

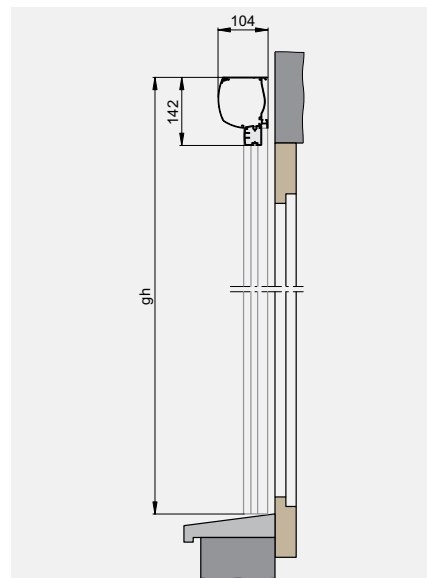
A = Surface

gh = $gh/bk \leq 5$

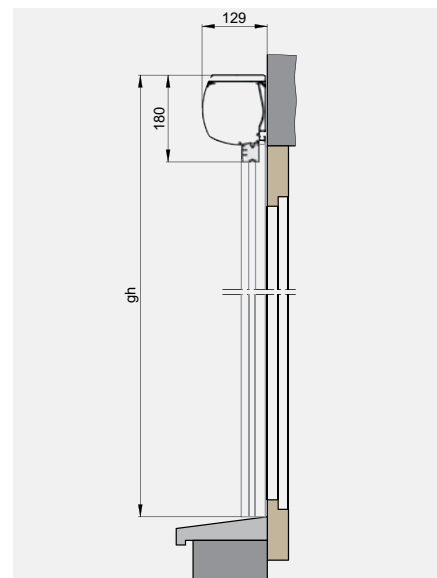
*gh min. = 500

All dimensions in mm.

Vertical section



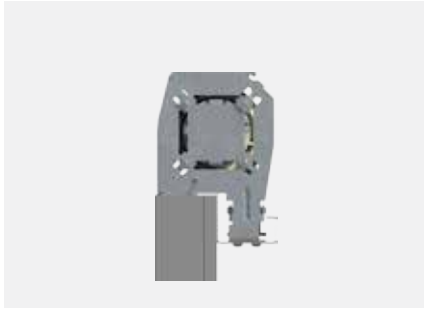
Solozip® II Box 100



Solozip® II Box 130

BUILT-IN SYSTEM

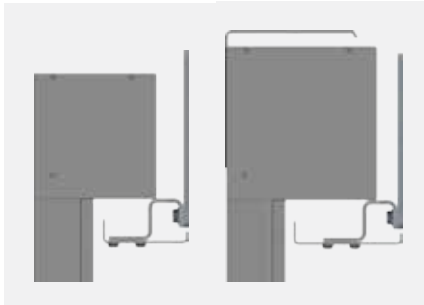
Solozip® II



Built-in system Fix

Guide style	Fabric	bk min.	bk max.	gh* max.	A max.
Guide rails standard	Classic Satiné 5500 Soltis 86 / 92 / 93	800	3500	3000	10.5
Guide rails reduced	Soltis B92 / B702		3000		9

Solozip® II Box 100 Fix

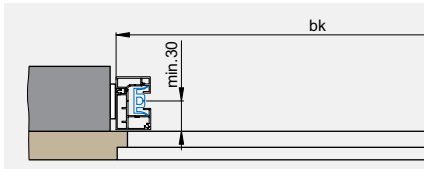


Box 100 Fix / 130

Guide style	Fabric	bk min.	bk max.	gh* max.	A max.
Guide rails standard	Classic Satiné 5500 Soltis 86 / 92 / 93	800	4000	3000	12
Guide rails reduced	Soltis B92 / B702		3000		9

Solozip® II Box 130

Horizontal section

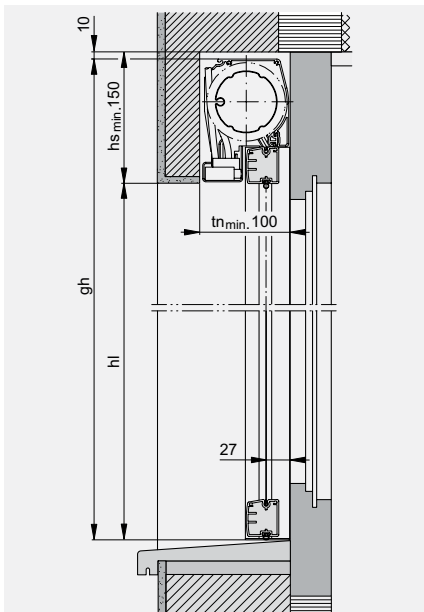


Installation tolerance: +/- 2 mm

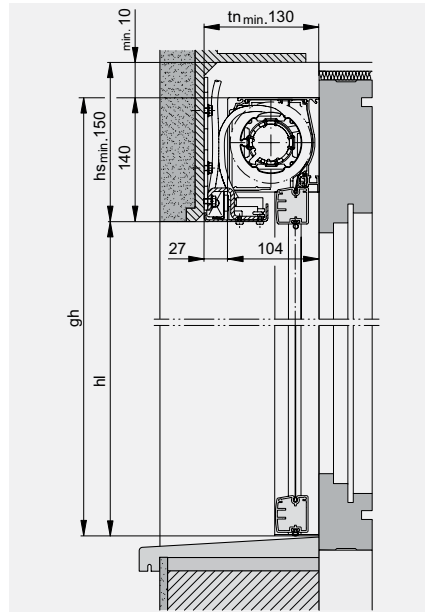
Guide rails	Fabric	bk min.	bk max.	gh* max.	A max.
Guide rails standard	Classic Satiné 5500 Soltis 86 / 92 / 93 Soltis B92 / B702	800	6000 4500 4000	6000 5000	18 15

All versions motorized only, not for coupling

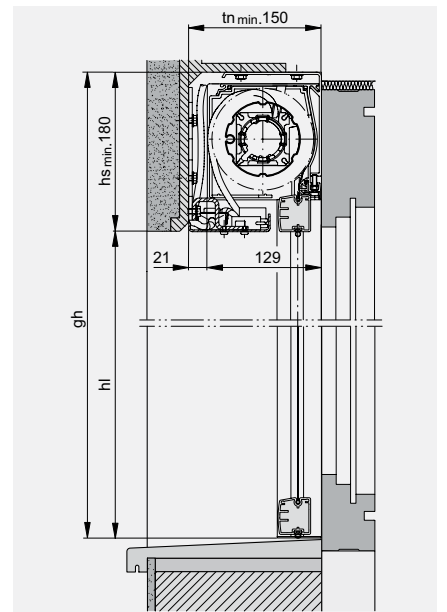
Vertical section



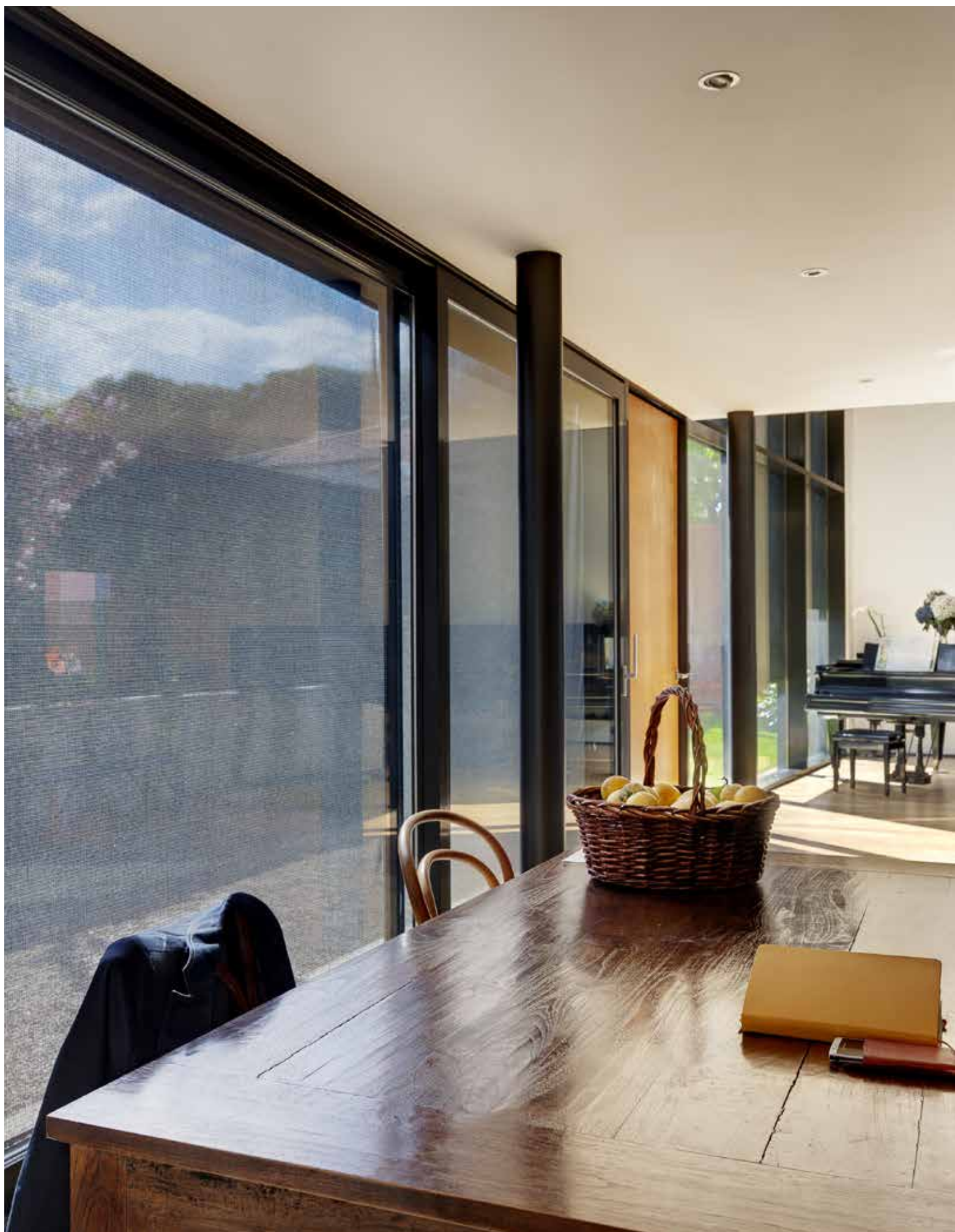
Solozip® II



Solozip® II Box 100 square

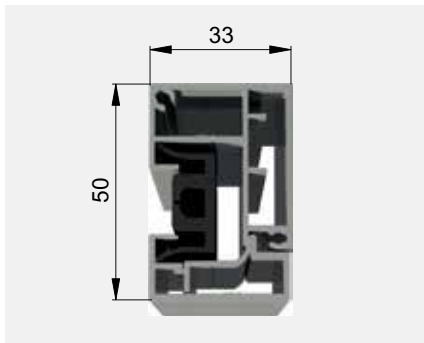


Solozip® II Box 130 square

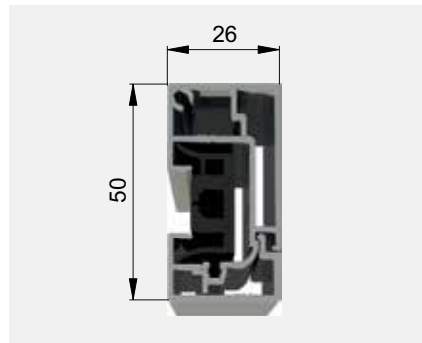


GUIDES

Guides standard

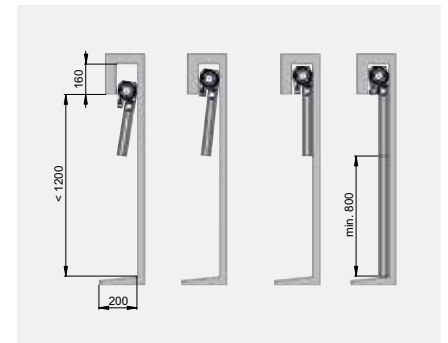


Reduced guide (option)



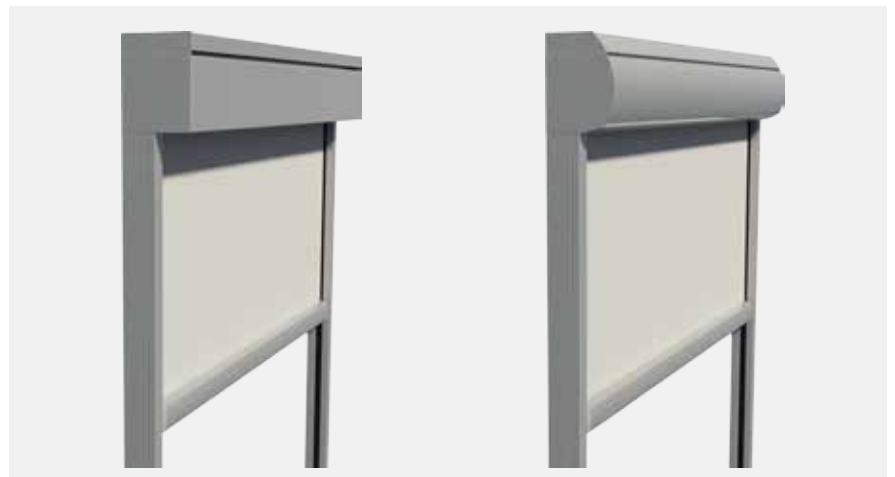
Reduced guides for a filigree appearance are available for Solozip® II Box 100 and Solozip® II. This results in a slight reduction in the limit dimensions (see Limit dimensions).

Two-part guides (option)



Two-part guides are available for the installation of Solozip® II and the installation of Solozip® II Box 100 with small heights (hl <1200).

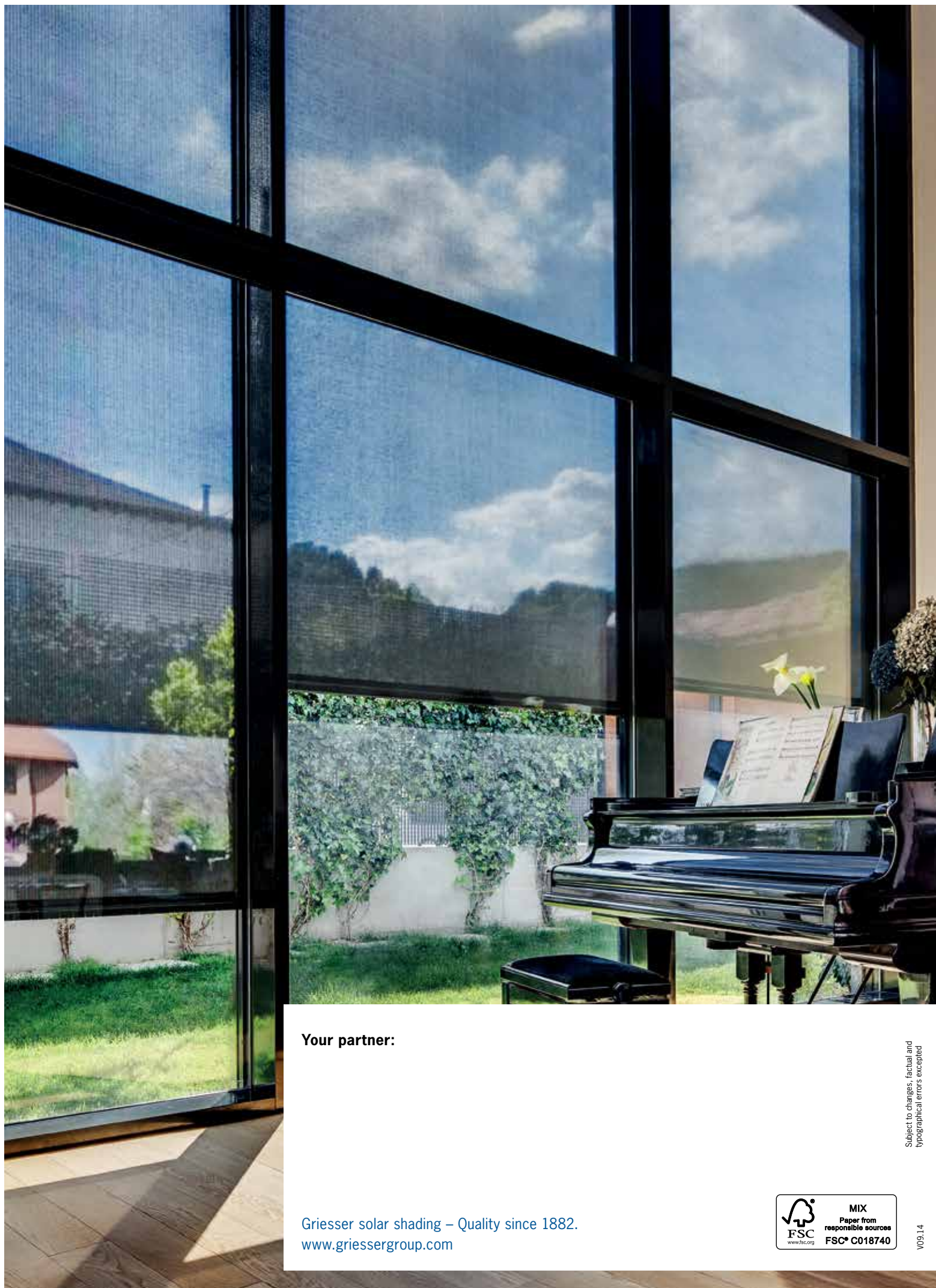
HIRSCHMANN PROFILE (OPTION)



A special profile is available for placement of the Hirschmann plug and any radio receiver that may be required. The limit dimensions in terms of height are increased as a result.



Not to be operated when there is a danger of icing.



Your partner:

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



Subject to changes, factual and
typographical errors excepted

V09.14