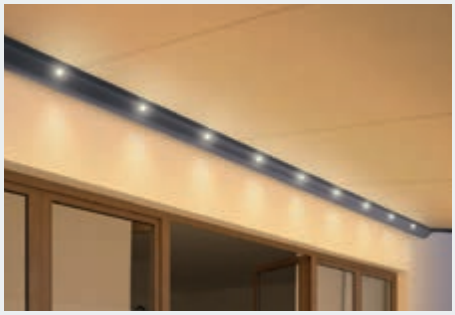
The under-mounted conservatory/patio roof awning



Sottezza II

Sottezza II Stretch/LED | Sottezza II OptiStretch/LED

www.weinor.com

Relax al Fresco | weinor

weinor Sottezza II

Contents

weinor Sottezza II – the under-mounted conservatory roof awning with excellent fabric tensioning

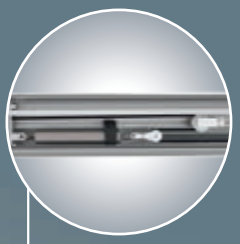
The elegant, attractive Sottezza II conservatory awning is used beneath the patio roof. The awning fabric will therefore come into its own, remain permanently attractive and the patio will have a cosier feeling. At the same time, it provides effective glare protection. As an under-mounted awning, the Sottezza II is especially suitable for patio roofs and conservatories, which guarantee an adequate air circulation and thus avert the formation of high temperatures due to their construction. Furthermore, for conservatories, it is an intelligent supplement to the outside sun protection. If it has to be retracted in case of heavy wind, this inside wind-protected Sottezza II then comes into operation and provides the desired sunscreen. Sottezza II is an all-rounder and can be used for virtually every right-angled patio roof due to the customised production which is accurate to the millimetre.

Sottezza II highlights

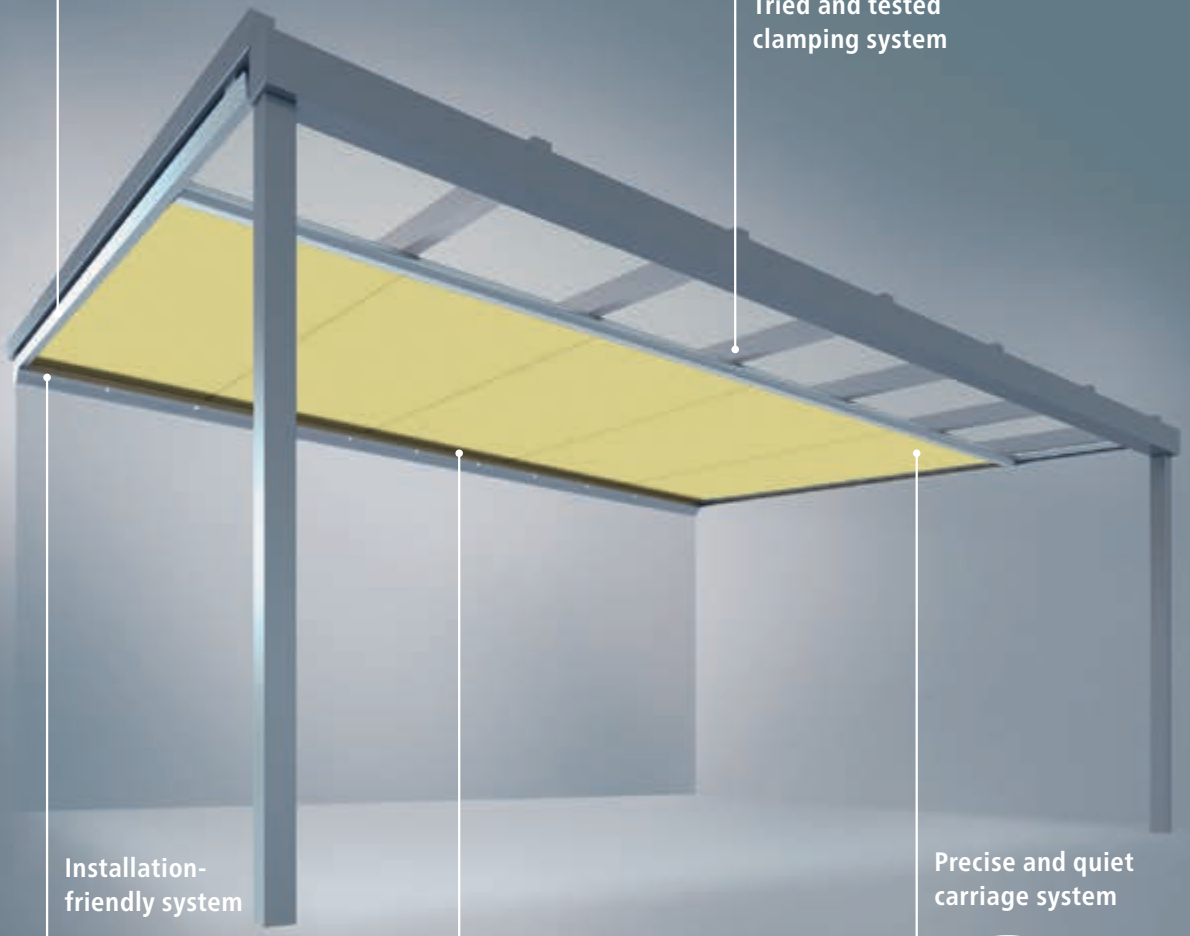
47 frame colours
and 9 trend colours

Sottezza II
OptiStretch

Sottezza II
Stretch

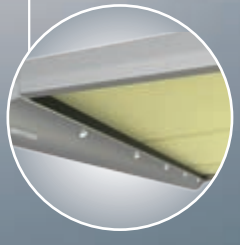


Tried and tested
clamping system



Installation-
friendly system

Sottezza II LED



Precise and quiet
carriage system

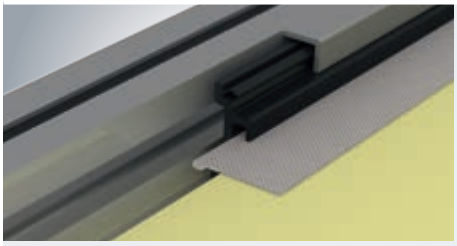
Product benefits in detail

The Sottezza II convinces by the optimum fabric tensioning and high-quality design. It can be installed on weinor patio roofs fast and easily and also on timber, aluminium or steel roofs from other manufacturers.

Reliable rope clamping system from the conservatory awning family

The tried and tested rope clamping system ensures even fabric spacing as well as fast and easy installation also for the Sottezza II.

- textile rope from open ocean sailing technology, break and strain resistant, tries and tested for many years, no elongation
- long-lasting equalised fabric tautness with pulley block technology



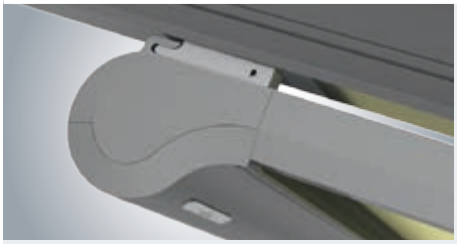
Functioning principle of OptiStretch

Clever Sottezza II versions – Stretch and OptiStretch

Sottezza II OptiStretch: completely closed all around, ensures tensioned fabric without sideways hanging fabric edges. In very large constructions, it reduces the central sagging of the fabric during ascending and retraction.

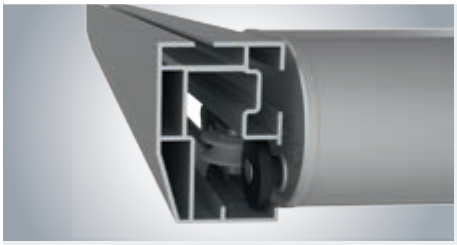
Sottezza II Stretch: The even tautness of the fabric creates a cosy atmosphere.

- lean side channels
- **Sottezza II OptiStretch** completely without fabric gap
- **Sottezza II Stretch** open at the sides with the the minimum fabric gap (approx. 0.5 to 2.5 cm)



Installation-friendly system – only 2 technicians are required

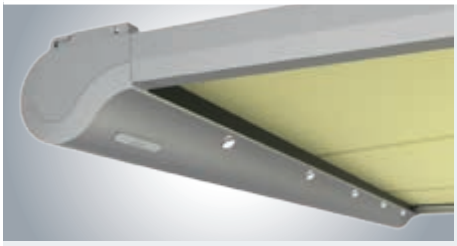
- Cassette and side channels must be installed separately. Complete floor installation is unnecessary
- weinor LED lighting integrated into the cassette – no extra installation necessary
- simple installation of the awning: attach box and release (drag & drop installation technology) pre-assembly omitted
- minor roof inaccuracies can be equalised by sliding the cassette or side channels



weinor carriage system – precise and low-noise

The tried and proven weinor carriage impresses with its especially easy and quiet ascending and retraction.

- PVC precision rollers for reduced rolling friction

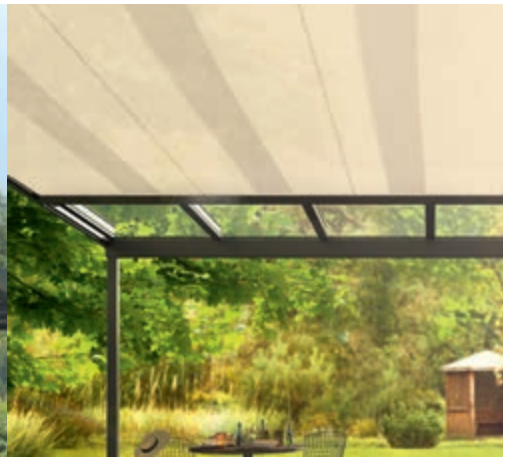


Elegant design – LED lighting integrated into the cassette

The cassette with the integrated LED lighting discreetly blends into the architecture of the patio roof.

- inconspicuous cassette design – without visible bolting
- 30.000 LED light hours with lowest energy consumption (85% electricity saving compared to halogen technology)
- LED infinitely dimmable with weinor BiConnect control

Product benefits in detail



● standard
○ optional
— unavailable

Sottezza II versions

	Sottezza II Stretch	Sottezza II OptiStretch	Sottezza II Stretch LED	Sottezza II OptiStretch LED
Technology				
Max. width	600 cm (to 400 cm projection)	600 cm	600 cm (to 400 cm projection)	600 cm
Max. projection	500 cm (only up to 450 cm cassette width)	500 cm	500 cm (only up to 450 cm cassette width)	500 cm
Max. fabric area	24 m²	30 m²	24 m²	30 m²
Cassette size (width x height)	148 x 307 mm	148 x 307 mm	148 x 307 mm	148 x 307 mm
Gear drive	—	—	—	—
Motor drive	●	●	●	●
Pitch of awning	3° – 45°	3° – 45°	3° – 45°	3°– 45°
Installation options	p. 24 on	p. 24 on	p. 24 on	p. 24 on
LED lighting (separate spotlights)	—	—	● integrated into the cassette	● integrated into the cassette
Design				
47 standard frame colours	●	●	●	●
Over 150 other RAL colours	○	○	○	○
9 trend colours	●	●	●	●
Other structural colours	○	○	○	○
weinor fabric collection	●	●	●	●
Soltis® 86	● only up to width 400 cm x projection 250 cm	—	● only up to width 400 cm x projection 250 cm	—
Soltis® 92	○ only up to width 400 cm x projection 250 cm	—	○ only up to width 400 cm x projection 250 cm	—
Other fabric collections	○	○	○	○
Accessories				
Fastening materials	p. 26 on			
Radio control	○ see weinor/Somfy radio controls, from page 10			
No remote	● see weinor permanently wired, from page 15			
Weather sensors				
Solar sensor	○ see weinor/Somfy weather sensors, from page 11			
Sun/wind sensor	○ see weinor/Somfy weather sensors, from page 11			

Fabrics and frame colours

Fabrics – attractive, brilliant long-lasting colours

A high-quality fabric is the basis of a beautiful awning. The 'colours by weinor®' collection provide a wide range.

- solution-dyed to make them colour-fast
- stay beautiful thanks to dirt- and water-repellant nano-coating
- optional: wide range of collections by other manufacturers

true colours Acrylic fabric collection — Acrylic fabrics 100 patterns

- high-quality acrylic
- proven for decades
- unit width: 120 cm

magic colours WeiTex® — Polyester fabrics 55 patterns

- innovative polyester quality
- high-stretch with memory effect®
- unit width: 120 cm

Soltis® — High-tech climate-control fabrics 10 patterns

- air and light-permeable
- unit width: 177 cm (Soltis® 86, 92)
- extra-wide: 267 cm (Soltis® 86, 92)

We recommend the use of Soltis® 92.

Wide range of frame colours – abundance of choices

weinor coats all of its products in its own workshop. This ensures that they have the best-possible colour tonality and identical gloss levels.

- 47 standard RAL frame colours, silk gloss (gloss level 70 ± 5% when measured at a 60° angle)
- 9 scratchproof, resistant trend colours with a textured look
- over 150 special RAL colours

47 standard frame colours

RAL 1002 Sandy yellow	RAL 1003 Signal yellow	RAL 1014 Ivory	RAL 1015 Light ivory	RAL 1023 Traffic yellow	RAL 1034 Pastel yellow	RAL 2000 Yellow orange	RAL 2002 Vermilion	RAL 2011 Deep orange
RAL 3002 Carmine red	RAL 3004 Magenta red	RAL 3007 Black red	RAL 4005 Blue lilac	RAL 4006 Traffic purple	RAL 5005 Signal blue	RAL 5009 Azure blue	RAL 5014 Pigeon blue	RAL 5021 Water blue
RAL 5022 Night blue	RAL 5024 Pastel blue	RAL 6005 Moss green	RAL 6009 Fir green	RAL 6011 Reseda green	RAL 6012 Black green	RAL 7015 Slate grey	RAL 7016 Anthracite grey	RAL 7021 Black grey
RAL 7030 Stone grey	RAL 7032 Pebble grey	RAL 7035 Light grey	RAL 7039 Quartz grey	RAL 7040 Window grey	weinor 7319 weinor grey	RAL 8001 Ochre brown	RAL 8003 Clay brown	RAL 8014 Sepia brown
RAL 8016 Mahagony brown	RAL 8017 Chocolate brown	RAL 8019 Grey brown	RAL 8022 Black brown	weinor 8077 weinor dark brown	RAL 9001 Cream	RAL 9005 Jet black	RAL 9006 White aluminium	RAL 9007 Grey aluminium
RAL 9010 Pure white	RAL 9016 Traffic white							

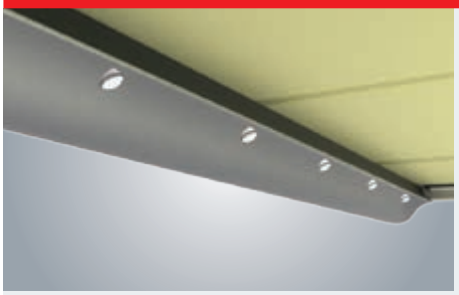
9 trend colours

WT 29/10797 Approx. RAL 9010	WT 29/50704 Approx. RAL 6009 metallic	WT 29/60740 Chestnut 04 metallic	WT 29/70786 Sparkling iron effect	WT 29/71289 Approx. RAL 7016	WT 29/80077 Approx. DB 703 metallic	WT 29/80081 Iron glimmer effect P 7	WT 29/90146 Approx. RAL 9006 metallic	WT 29/90147 Approx. RAL 9007 metallic

weinor is an eco-friendly company. To ensure compliance with high environmental standards, manufacturing processes and materials undergo regular testing by experts.

As a result of the ban on the use of heavy metals in powder coatings, paint manufacturers can no longer guarantee colour stability despite making every effort to do so. It therefore cannot be excluded that colours in general, and Fire Red (RAL 3000) in particular, may fade with time. For technical reasons, the colours may appear significantly different when printed.

Sottezza II LED – with LED lighting



LED lighting – 30,000 hours of lighting require minimal energy consumption

The select high-power LED components are registered for letters patent and represent the very best in weinor quality:

- integrated into the cassette
- atmospheric light thanks to special glass lenses
- lighting remains on even when awning is retracted
- especially energy-efficient (85% power saving in comparison to halogen technology)
- operating life of 30,000 hours
- infinitely dimmable when used with BiConnect radio control
- easy to service: simply replace individual LED lights without uninstalling the awning

Awning width	Number of separate LED spotlights
81 – 110 cm	1
111 – 164 cm	2
165 – 219 cm	3
220 – 274 cm	4
275 – 329 cm	5

Awning width	Number of separate LED spotlights
330 – 384 cm	6
385 – 439 cm	7
440 – 494 cm	8
495 – 549 cm	9
550 – 600 cm	10

BiConnect remote control

BiEasy 1M BiEasy 5M

BiEasy 15M with display BiEasy App

weinor BiConnect – control for awning, light and heating

The Sottezza comes as standard with one drive and can optionally be controlled with the pre-programmed BiEasy remote control. There are hand transmitters with different numbers of channels: choose from 1, 5 or 15 channels with a display.

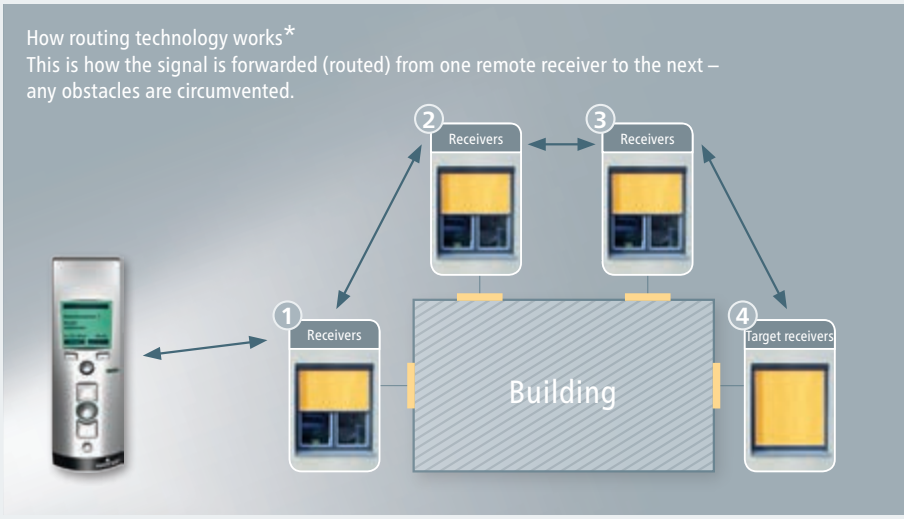
weinor BiEasy hand transmitter
- operationally safe thanks to protected transmission frequency (868 MHz)
- attractive and convenient design

BiRec remote-controlled receiver
- various remote-controlled receivers depending on function combinations
- to suit awning fittings – e.g. to extend and retract the awning or dim the lights

Sun and Sun-Wind sensors – automatic heat and product protection (option)
The BiConnect series remote sensors automatically extend the awning when the sun shines and reliably retract it in case of wind or cloud.

BiEasy APP
Please see technical brochure "Accessories" for further information.

State-of-the-art routing technology:
The new BiConnect radio control transmits bidirectional signals and 'is very reliable thanks to its ultra-modern routing technology. In this case, the BiEasy handheld transmitter sends a radio signal to an active receiver within its range. The signal is then forwarded from one receiver to the next until it reaches the target receiver – and all this occurs in a matter of seconds.



* Very simplified illustration

= Routing signal and feedback signal

Installation location for receiver, power supply pack and further electrical components
The BiConnect receiver is accommodated in the cassette. The faceplate can be easily be opened for servicing purposes. The receiver is then easily accessible.

BiRec receiver

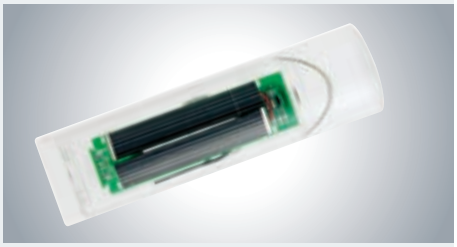
BiRec MA-K
remote-receiver for drive control

BiRec MLED
Combi-remote-receiver for main drive and LED with integrated power supply pack in cassette

BiSens sensors

BiSens SW-230 V
Sun, wind sensor with power connection

BiSens SW-Solar
Sun and wind sensor with solar operation
(not suitable for units used as privacy protection)



BiSens SUN-Solar
Sun sensor solar operation
(not suitable for constructions that are used for privacy protection)

Product	Equipment			Remote receiver,	Hand transmitter
Sottezza II	drive			BiRec MA-K	BiEasy 1M/1MW-3V
	drive		heating (option)	BiRec MA-K; BiRec HD	BiEasy 5M/15M/App
Sottezza II LED	drive	LED lighting		BiRec MLED	BiEasy 5M/15M/App
	drive	LED lighting	heating (option)	BiRec MLED; BiRec HD	BiEasy 5M/15M/App

Product	BiConnect
Sottezza II drive	receiver integrated into cassette
LED lighting	dimmable, combi-remote-receiver for main drive and LED with integrated power supply pack in cassette
Tempura heating	• dimmable, additional receiver required • accommodation of the receiver in the design bar provided for this purpose (see page 17)

Somfy RTS radio technology

Telis 1
RTS Pure

Telis 4
RTS Pure

Telis Soliris
RTS Pure

Telis 4 Soliris
RTS Pure

Somfy RTS

Alternatively, the Sottezza can also be controlled with Somfy RTS.

Somfy RTS
Since RTS works unidirectionally, no feedback is given on the status of the units. The radio control system runs on a frequency of 433.42 MHZ.

Smoove 1 RTS
Pure Shine

Chronis RTS smart

Installation location Somfy RTS receiver (for LED)
The Sompfy RTS receiver is accommodated in the cassette and therefore easily replaced in case of service (see page 11).

Somfy RTS receiver (for LED)

Lighting: Slim Receiver RTS
Remote receiver for LED control

Somfy RTS Sensor

Soliris Sensor RTS
Wind and sun sensor with mains connection

Product	Fittings			Remote receiver,	Hand transmitter
Sottezza II	drive			integrated in the remote-controlled motor	Telis 1 RTS Pure/Telis 1 Soliris RTS Pure/Smoove 1
	drive		heating (option)	heating Slim Receiver RTS Plug	Telis 4 RTS Pure/Telis 4 Soliris RTS Pure
Sottezza II LED	drive	LED lighting		lighting: Slim Receiver RTS	Telis 4 RTS Pure/Telis 4 Soliris RTS Pure
	drive	LED lighting	Heating (option)	lighting Slim Receiver RTS; heating Slim Receiver RTS Plug	Telis 4 RTS Pure/Telis 4 Soliris RTS Pure

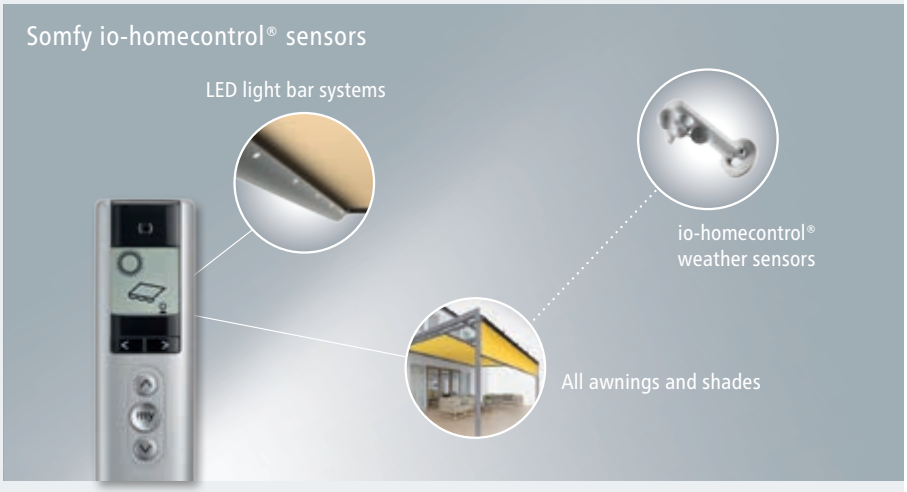
Product	Somfy RTS
Sottezza II drive	radio-receiver integrated in the RTS remote-controlled motor
LED lighting	• not dimmable • additional receiver external lighting Slim receiver RTS (with downstream power supply pack) • integration in the cassette
Tempura heating	• not dimmable, additional receiver required

Somfy io-homecontrol® radio technology

Situo Mobile io Silver Mat | Easy Sun io Silver Mat | Smoove 1 io Pure Shine

Somfy io-homecontrol®

io-homecontrol® allows every convenience and security feature to be combined into one network and be controlled using a single remote transmitter. The expandable system can also incorporate any new products that are added.



Somfy io-homecontrol® sensor

Sunis WireFree io
Radio sun sensor

Sensor Box io
Communication unit

Somfy io-homecontrol® receiver

Lighting receiver on/off io

Installation location Somfy lighting receiver io
The Somfy receiver is accommodated in the cassette and therefore easily replaced in case of service
(see page 11).

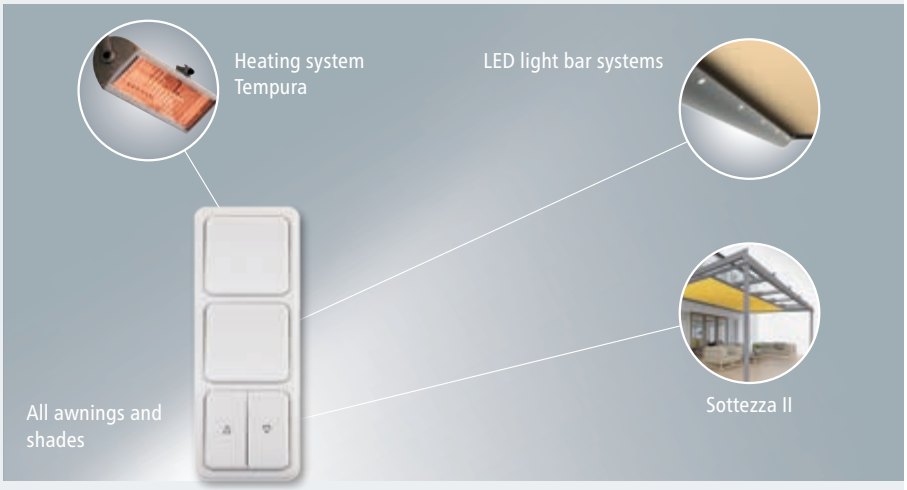
Product	Fittings		Remote receiver,	Hand transmitter
Sottezza II	drive		integrated in the remote-controlled motor	Situo Mobile io Silver Mat/Smoove 1 io Pure Shine
Sottezza II LED	drive	LED lighting	lighting receiver io	Easy Sun io Silver Mat

Product	Somfy io-homecontrol®
Sottezza II drive	receiver integrated in the io-remote-controlled motor
LED lighting	• not dimmable • additional receiver lighting on/off io (with downstream power supply pack) • integration in the cassette
Tempura heating	unavailable

weinor hard wired (switch/control on site)

Hard wired

A wired control makes sense in the case of existing power cables or sources of interference for radio control.



Product	weinor hard wired (switch/control on site)
Sottezza II drive	• no receiver required • switch or control on site
LED lighting	• not dimmable • switch on site
Tempura heating	• not dimmable • switch on site

Power supply pack for option **LED**

Power supply pack for option LED (hard wired)

The power supply pack provides the voltage and current intensity required to operate the LED. It is only required for the LED option.

Position of power supply pack	Product
in the cassette	Sottezza II LED Sottezza II LED OptiStretch
no power supply pack necessary	Sottezza II Sottezza II OptiStretch

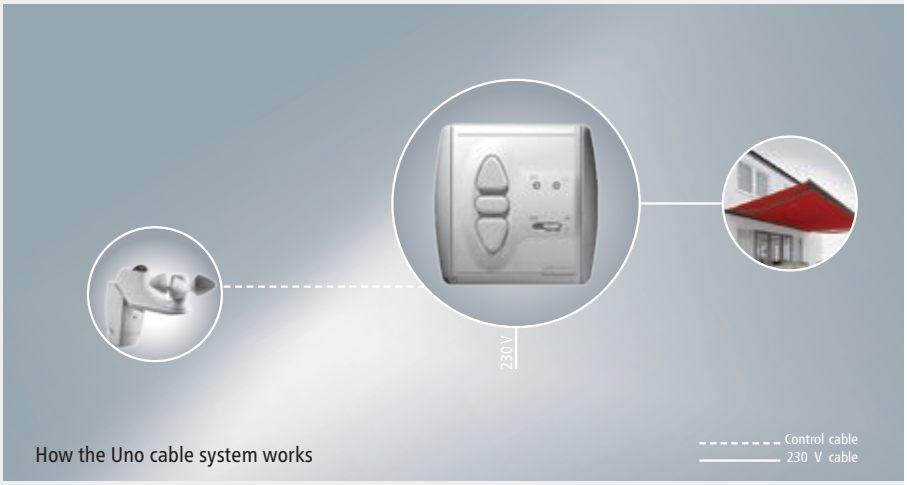
Installation location for power supply pack for option LED
The power supply pack is located in the cassette and is easily accessible. The installation location is not required for drives without LED options and remains empty.

weinor hard wired with Somfy control

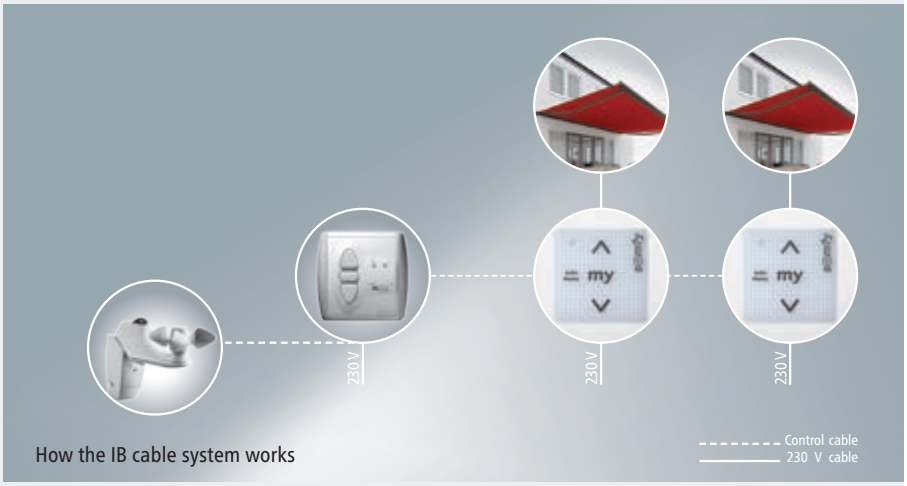
Control unit +
Sensor Uno/IB

Smoove Uno IB +
Pure Shine

For the hard wired version, a Somfy switch and a Somfy sun and wind sensor can be included in the delivery for awning control.



How the Uno cable system works



How the IB cable system works

Product	weinor hard wired with Somfy control
Sottezza II drive	no receiver required
LED lighting	• not dimmable • integration of the power supply pack in the cassette • switch on site
Tempura heating	• not dimmable • switch on site

Heating System Tempura Universal (option)

Tempura, the energy-efficient infra-red heating system convinces with heat output of 1,500 watt in a tiny housing.

- instant heat: no warm-up time
- turn as required for targeted warmth
- can be optionally operated via radio control (only possible with BiConnect and Somfy RTS)
- splash protection
- comes in 47 standard rack colours plus 9 scratchproof, resistant trendy conservatory colours with a smart, structured look
- optional: 150 special RAL colours
- universal bracket makes it easy to retrofit (mounted to the wall)
- TÜV tested

Simplified view from rear

Design bar for Tempura heating system receiver

Recommendation: Provide BiRec HD (bidirectional heating dimmer) or Somfy heating receiver Heating Slim Receiver RTS Plug with additional protection using the horizontally mounted designer bar

BiRec HD
Remote receiver for heating control

Heating Slim Receiver Somfy RTS Plug
Remote receiver for heating control

Some options incur a surcharge. Please refer to the weinor awnings price list for costs.

The Stretch and OptiStretch system in comparison

Sottezza II Stretch and OptiStretch

The Sottezza II Stretch and OptiStretch consist of identical frame constructions and use the same conservatory awning clamping system. The fabric guide is the difference between the two systems. In the stretch system, the fabric is tensioned between the fabric roller bearing and the projection profile in the ascending direction, while in the OptiStretch, the fabric is additionally guided sideways in the guide rail. The OptiStretch thus achieves a significantly higher degree of fabric tensioning.

The Stretch system

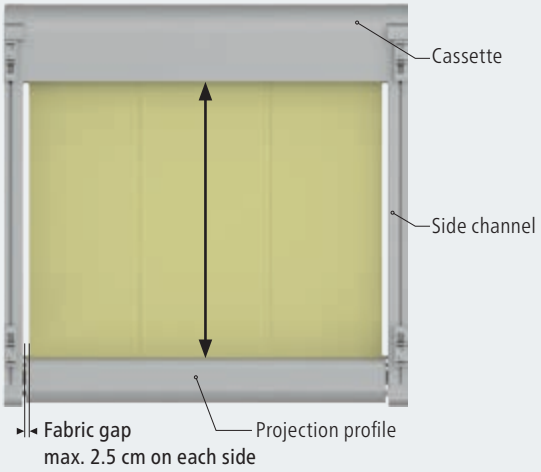


Fig. 1: Sottezza II Stretch

The OptiStretch system

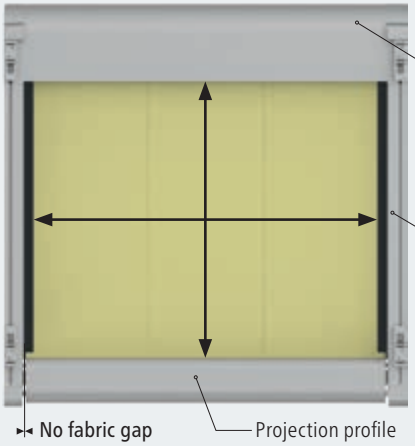
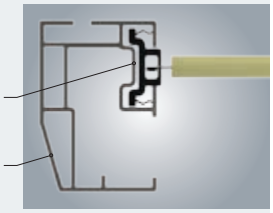


Fig. 2: Sottezza II OptiStretch



In the Stretch System, the fabric is tensioned between the fabric roller bearing and the projection profile in the ascending direction. A gap remains between the fabric and the side channel.

- lining of the side edges is reduced by the pulley system
- good fabric tautness also for Soltis fabrics

In the OptiStretch system, the sunscreen fabric is guided in a PVC fabric guide profile inside the side channel. This allows an optimum fabric tensioning to be achieved in all 4 directions and the system is completely closed without a sideways gap.

- optimum tensioned fabric
- no possibility of sideways reveal

Fabric sag im comparison

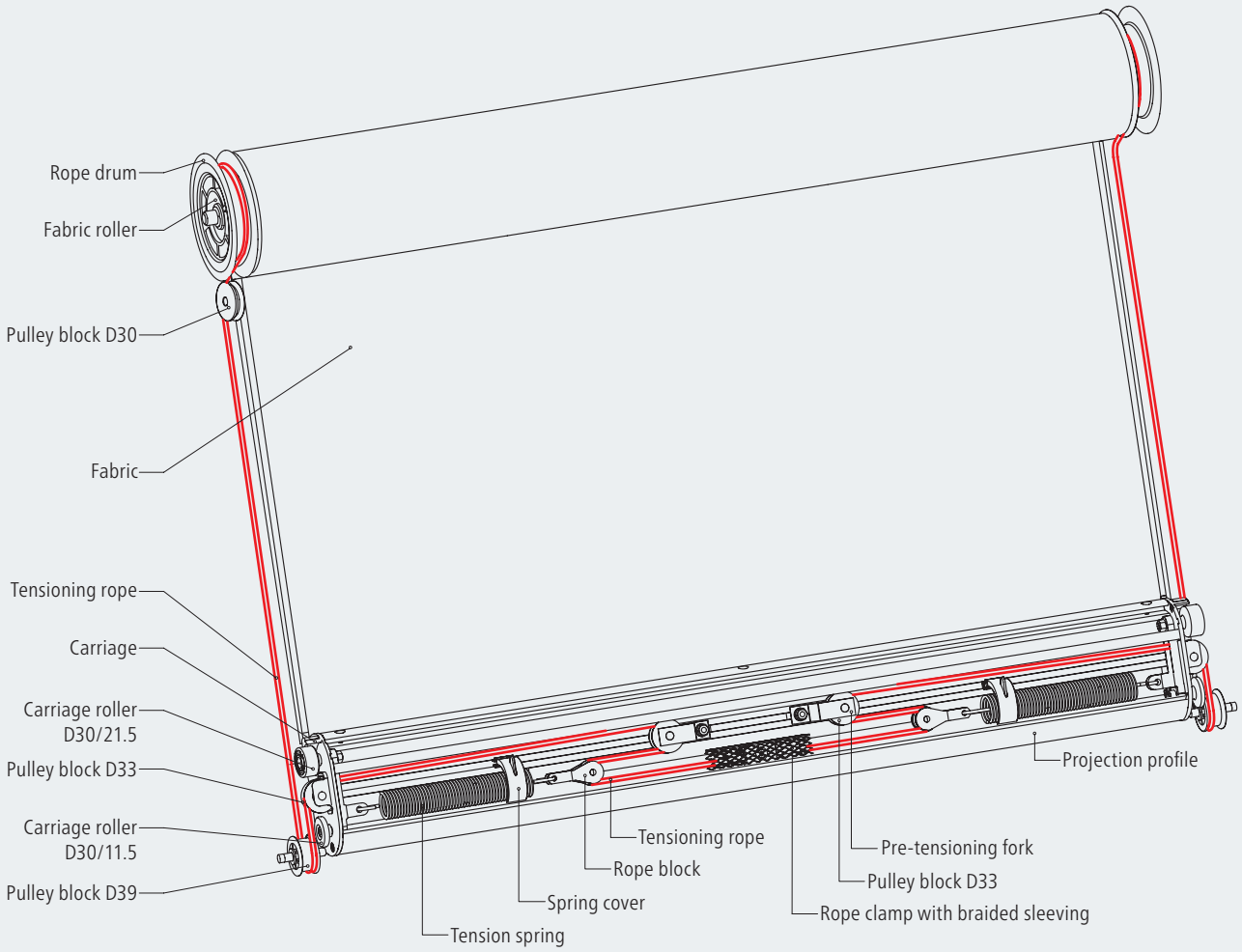
Fabric tautness in the Sottezza II Stretch

- significantly better fabric tautness when ascended than with Sottezza
- the fabric gap may be as much as 2.5 cm in width
- the fabric sag can be up to approx 15 cm in larger constructions even if distance ropes are used (number dependent on projection)
- sagging of side edges is possible if the material is acrylic and polyester

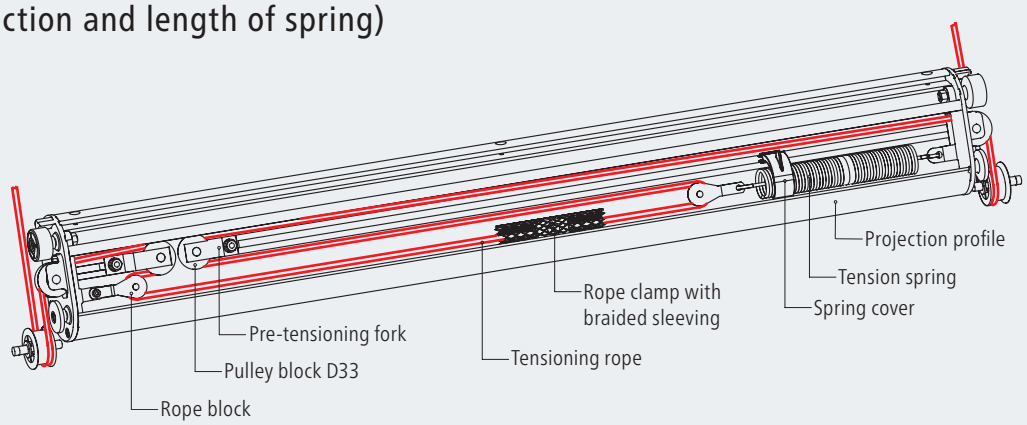
Fabric tautness with Sottezza II OptiStretch

- without fabric gap
- fabric is tensioned on 4 sides
- considerable tauter fabric
- fabric winds better
- no sagging of the sides of the fabric

Rope clamping system of the Sottezza II with 2 tensioned springs (dependent of projection and length of springs)



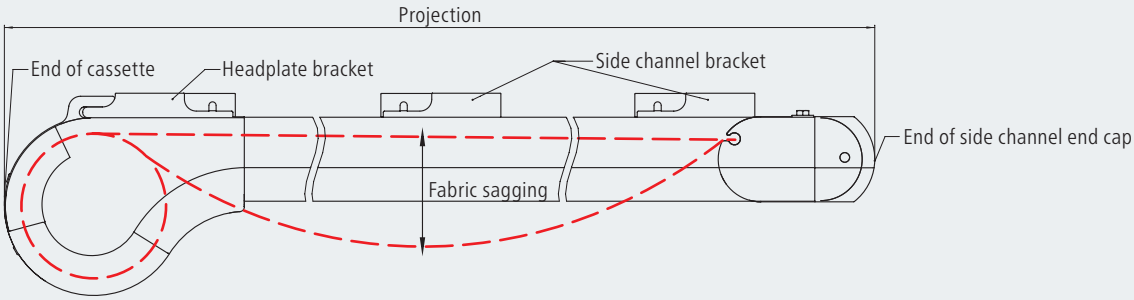
Rope clamping system of the Sottezza II with 1 tensioned spring (dependent of projection and length of spring)



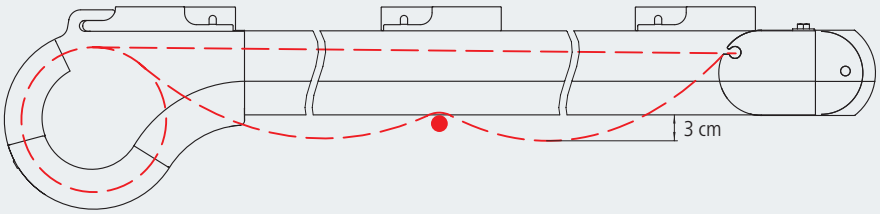
Important note

The rope used on the clamping system begins to wind around a rope drum located inside the cassette as soon as the awning ascends. The width of the rope drum is enough to take several wound lengths of rope lying side by side. Once there is no more space to the side, the coil in the next bearing will wind over the one before. the rope can sometimes jump and cause noise.

Use of distance rope in the Sottezza II Stretch/LED*



Effect of a distance rope*



* Schematic diagrams for the demonstration of the mode of action of the rope tensioner.

Distance rope

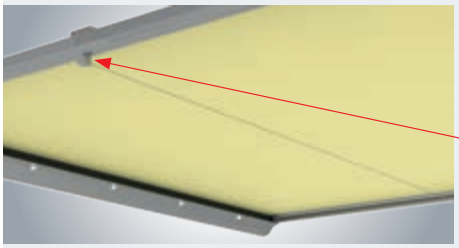
Distance ropes are used in large constructions to stop the fabric sag.

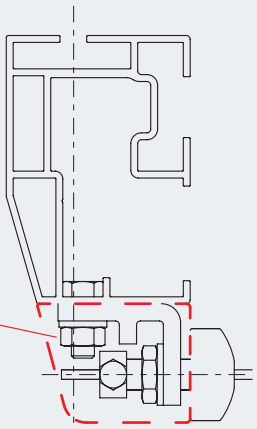
Operation of the distance rope

- After the awning has been completely ascended, after installation, side edges of fabric should be at most 3 cm beneath the bottom edge of the side channels.

Position of the support wire brackets:

- in the vicinity of the side channel bracket
- evenly distributed across the projection diagonal at regular spacing





Detail support wire bracket

Standard number of support wires

The following table shows the minimum number of distance ropes depending on the projection and cassette width.

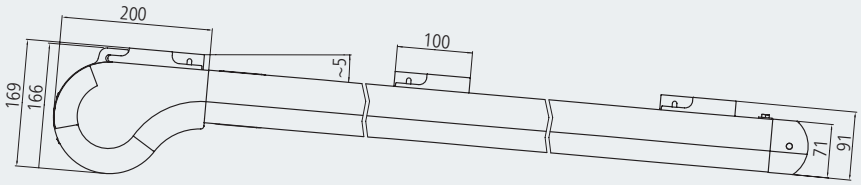
Additional distance ropes are recommended in case of heavy wind impact. The Sottezza II OptiStretch does not require a distance rope on principle. These are optionally available for the achievement of the wind resistance class 2.

Cassette width in cm	Projection in cm						
	up to 200	201 – 250	251 – 300	301 – 350	351 – 400	401 – 450	451 – 500
up to 400	–	–	–	–	1	1	2
401 – 450	–	–	1	1	2	2	3
451 – 500	–	–	1	1	2	2	▲
501 – 550	–	–	1	1	2	▲	▲
551 – 600	–	–	1	1	2	▲	▲

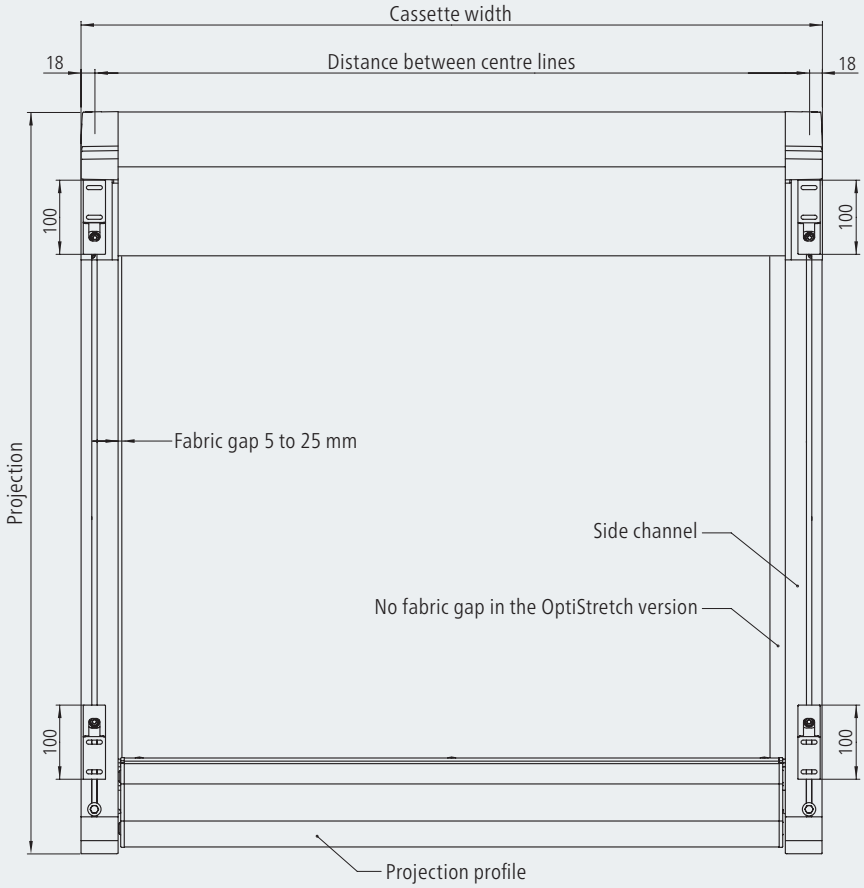
– no distance rope is required
▲ unit size is not possible

Sottezza II overview of unit full view

General views of flat single-panel flat system



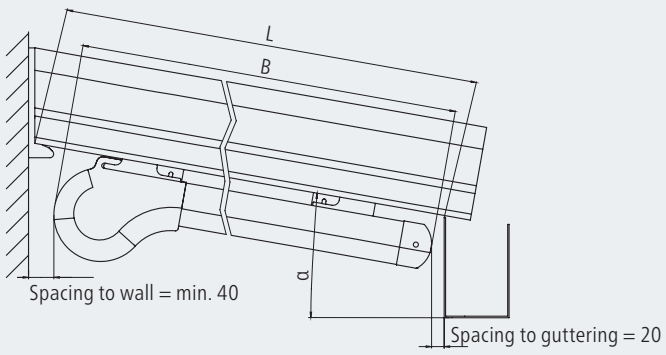
Lateral view of Sottezza II



Top view of Sottezza II Stretch
The sideways fabric gap is 5 – 25 mm in the Stretch version, depending on the cassette width and the projection.

There is no fabric gap in the OptiStretch version.

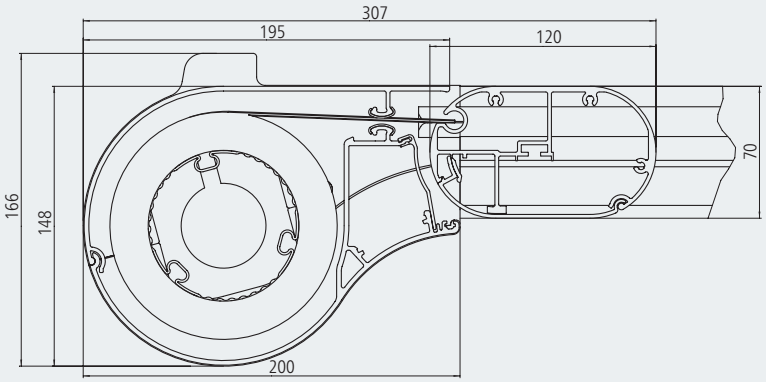
Minimum spacings



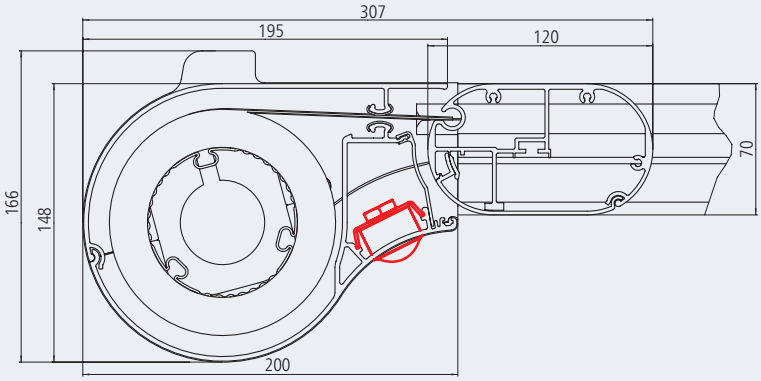
The spacing between Sottezza and the wall must be at least 40 mm. The spacing between Sottezza II and the guttering must be at least 20 mm.

Sottezza II overview of construction cross-sections

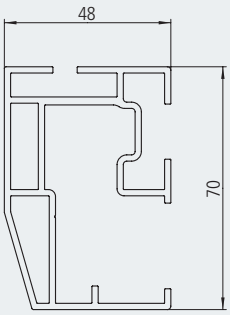
Cross sections and dimensions Sottezza II



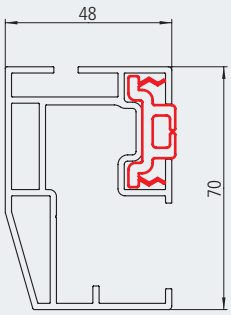
Cross sections and dimensions Sottezza II LED



Detail side channel Sottezza II



Side channel Stretch



OptiStretch side channel with additional fabric guide profile

Fig. 1: Sottezza II indented

Sottezza II fitted to a Terrazza patio roof

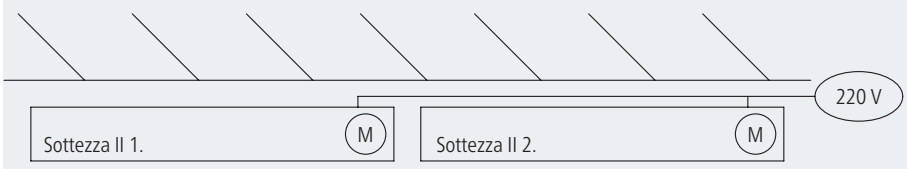
During installation on a patio roof, the Sottezza II can be indented in such a way to allow the subsequent retrofitting of glazing elements (fig. 1). No glazing elements can be retrofitted if the cassette width of the Sottezza II corresponds to the width of the patio roof. The Sottezza II is then flush with the outside roof support of the roof (fig. 2).

Fig. 2: Sottezza II almost flush

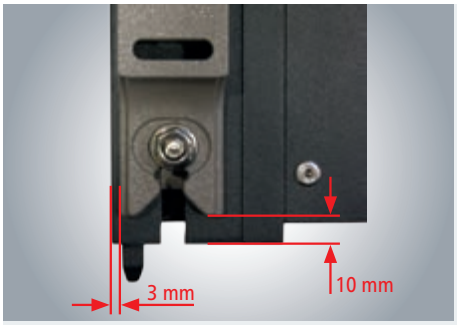
Cabling of individual and multi-section units

Individual units:
The Hirschmann coupling with lead is fixed to the rear of the cassette cable with cable clips.

Multi-section units:
The lead is fixed with cable clips at spacing of approx. 700 mm.



The lead of the Sottezza II 1. is routed on the right side of the Sottezza II 2. as the power connection is on the right.

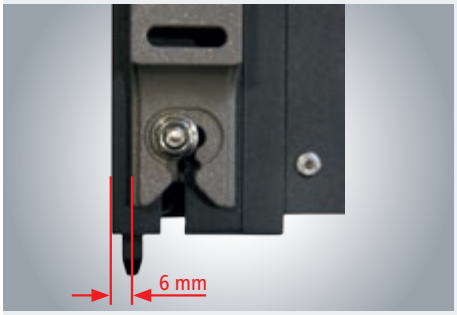


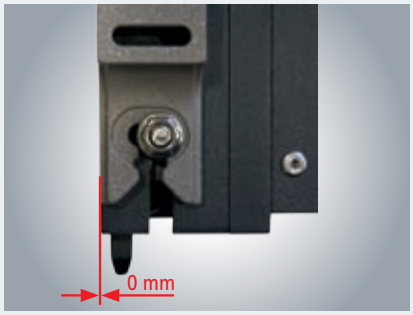
Standard position

Tolerance/movement of the cassette in the bracket of the headplate (allowances)

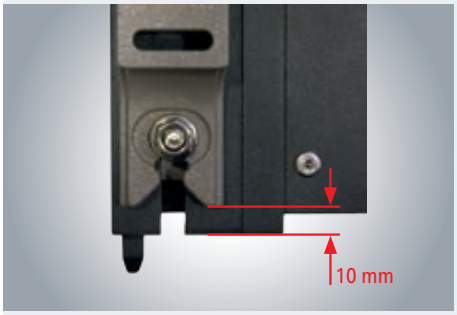
Inside the headplate bracket, the cassette can be pushed lengthwise to the cassette axis (6 mm) or in the direction of the projection (10 mm). See also the figures:

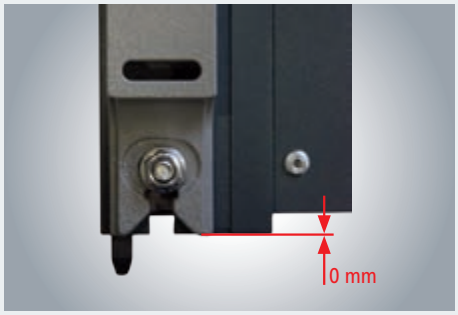
Lengthwise shifting to the cassette axis



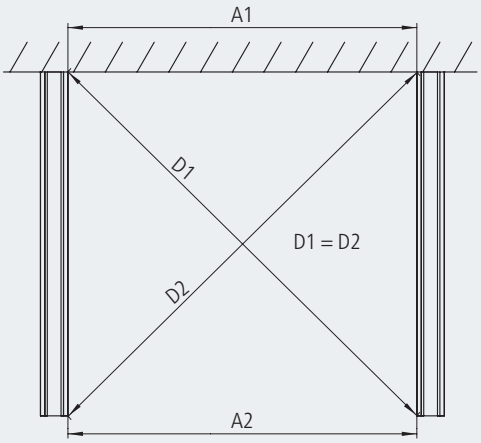


Shifting lengthwise to the projection



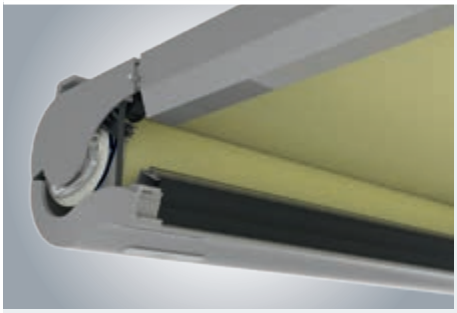


Rectangular patio roof



Please note: The patio roof must be arranged at a right-angle to enable the proper installation of the Sottezza II.

View as seen from above



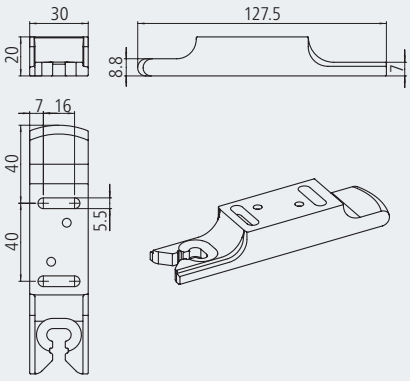
The faceplate and the bottom of the cassette

The bottom of the cassette is opened after the installation to ensure that the rope is running properly around the pulley block. A strap holds the bottom of the cassette open.

The faceplate can be easily unclamped. This provides easy accessibility to a receiver or a power supply pack for servicing purposes.

Serial bracket

Complete headplate bracket



Headplate bracket

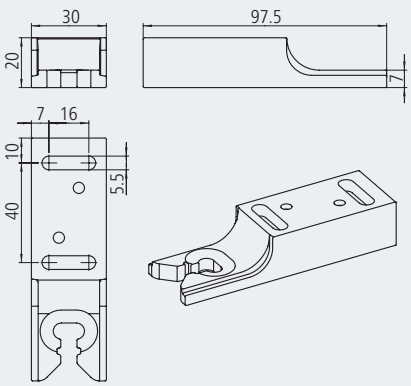
Headplate bracket

You will receive two headplate brackets as standard for installation on the patio roof. This is mounted to the cassette.

Headplate bracket consisting of:

- bracket cover conservatory awnings IB 2013
- headplate bracket conservatory awnings IB 2013
- bracket cover connector conservatory awnings IB 2013 black
- carriage 28 x 28 x 4 mm M6x20
- flange nut with ratchet DIN 6923 M6 A2
- set of screws II conservatory awnings IB 2013

Complete side channel bracket



Side channel bracket

Side channel bracket

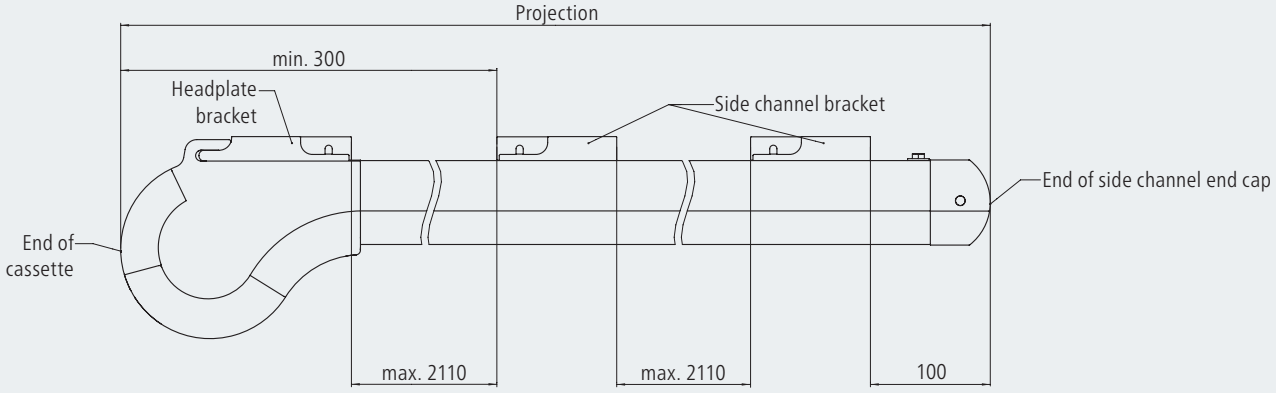
When attaching to a Terrazza patio roof, use the current weinor price list to find the standard number of side channel brackets.

The side channel bracket consists of:

- side channel bracket conservatory awnings IB 2013
- bracket cover conservatory awnings IB 2013
- bracket cover connector conservatory awnings IB 2013 black
- carriage 28 x 28 x 4 mm M6x20
- flange nut with ratchet DIN 6923 M6 A2
- set of screws II conservatory awnings IB 2013

Fixing to a patio roof/number of installation points

Important dimensions for the position (in mm)



Standard fastener type
Screws point upwards, i.e. from beneath the roof support or other supports above them.

No. of fastener points
The adjacent table shows the minimum number of installation points on a patio roof

The indicated number of fasteners is included in the delivery.

When the Sottezza II is installed beneath another roof, additional brackets may be necessary.

Conservatory awning Sottezza II	Projection in cm				
	up to 150	151 – 250	251 – 350	351 – 450	451 – 500
Minimum number of installation points	4	4	6	6	8

Additional brackets are recommended in case of a weak untrussed roof.

The set does not include material required to retrofit a Sottezza II to a pre-built untrussed roof.

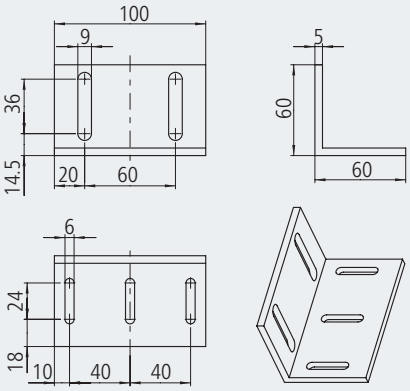
Please refer to current weinor price list.

Special bracket

The brackets listed here can be used in various installation scenarios.

Especially for fixing to roofs from other manufacturers.

Niche angle bracket 60 x 60 x 5 x 100 mm

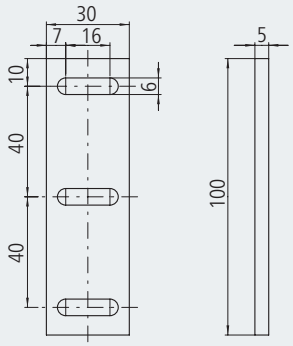


Niche angle bracket 60 x 60 x 5 x 100 mm

The angle bracket is required for lateral fastening to walls, in alcoves or to vertical elements.

Complete niche angle bracket:
Includes screws to fasten the side channel/ headplate bracket:
- 2x socket head cap screws DIN 912-M5x16-A2
- 2x hexagonal nuts DIN 934-M5-A2
- 2x washer DIN 9021-5,3-A2

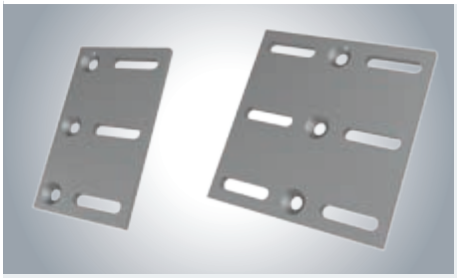
Base plate 100 x 30 x 5 mm



Base plate 100 x 30 x 5 mm

Fixing materials for shimming are advisable for uneven installation foundations.

Base plate 100 x 30 x 5 mm complete:
including set of screws for installation on weinor Terrazza (for 2 base plates):
- 4x socket head cap screws DIN 912-M5x16-A2
- 2x fixing sliders 60 x 8 x 3 mm
- set of screws II base plate conservatory awnings IB 2013



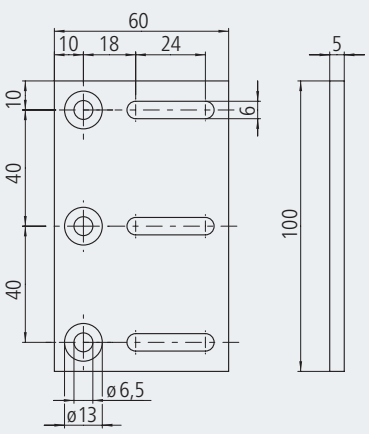
Fixing plate 100 x 60 x 5 mm

Fixing plate 100 x 100 x 5 mm

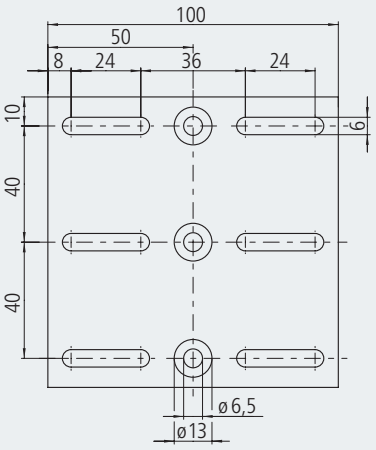
The fixing plates

The fixing plates are required for the sideways offset of the brackets and in case of narrow roof supports.

Complete fixing plates 100 x 60 x 5 mm or 100 x 100 x 5 mm:
including set of screws
- 2x socket head cap screws DIN 912-M5x16-A2
- 1x fixing slider 60 x 8 x 3 mm
- 2x countersunk hex head screws DIN 7991-M5x10-A2
- 2x hexagonal nuts DIN 934-M5-A2
- 2x washer DIN 9021-5,3-A2
- set of screws II base plate conservatory awnings IB 2013



Fixing plate 100 x 60 x 5 mm



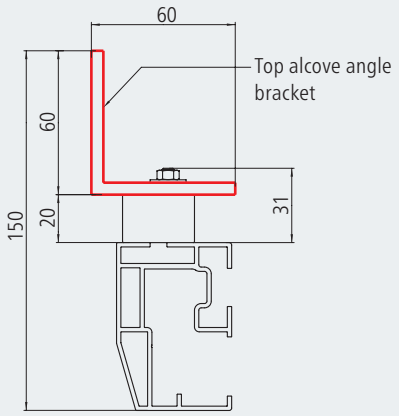
Fixing plate 100 x 100 x 5 mm

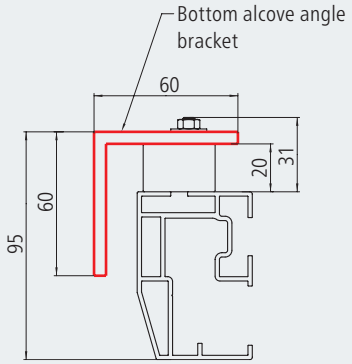
Fixing plate 100 x 100 x 5 mm:
including further set of screws
- 2x socket head cap screws DIN 912-M5x16-A2
- 2 x washer DIN 9021 5.3 A2
- 2 x hexagonal nuts DIN 934 M5 A2
- set of screws II base plate conservatory awnings IB 2013

For installation on roof supports, we recommend that you order the set of screws conservatory awnings IB 2013 on Terrazza with fixing slider (option).

Use of niche angle bracket

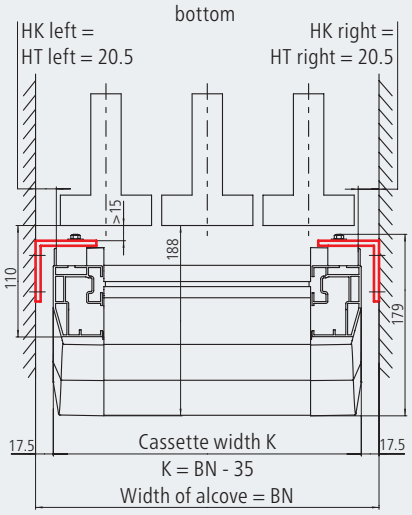
Different possibilities of the use of niche angle brackets are shown below.



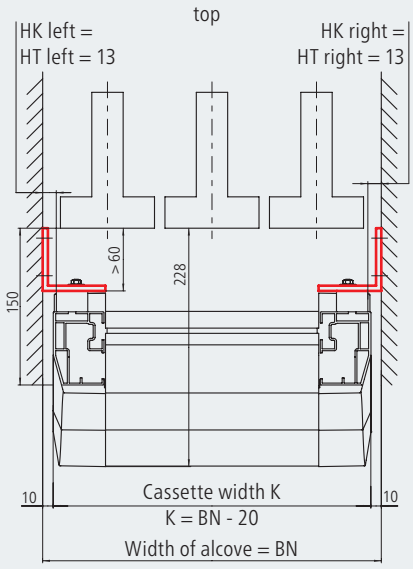


Arbitrary patio roof

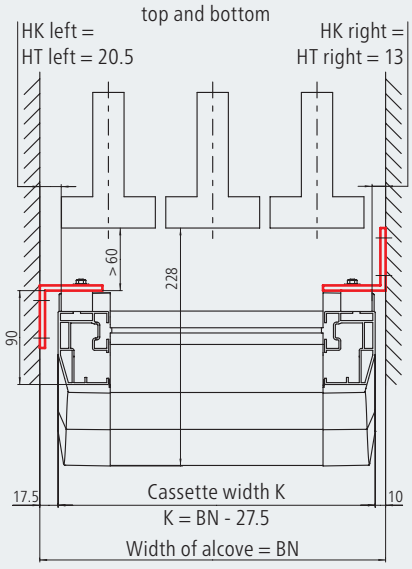
2 x niche angle brackets (NW)



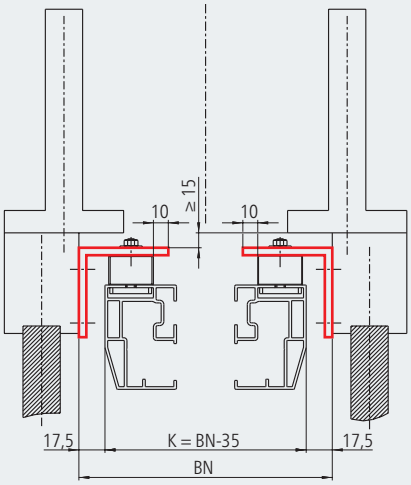
2 x niche angle brackets (NW)

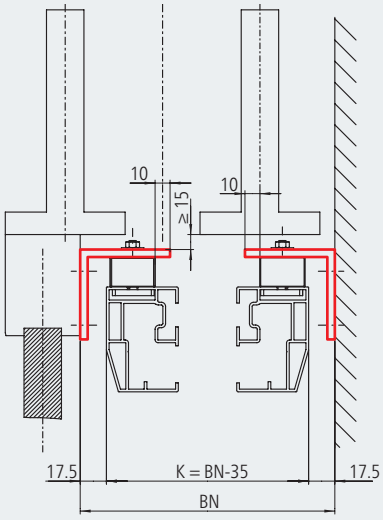


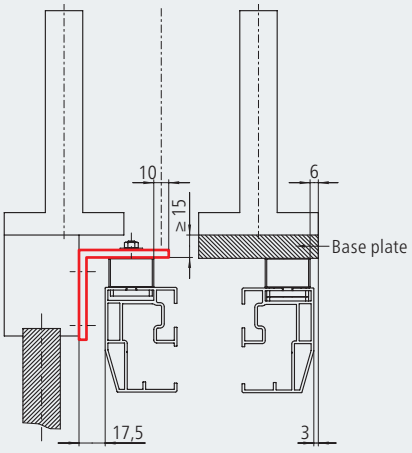
1 niche angle bracket (NW)



Any patio roof with sideways vertical elements







Without angle brackets but fitted with base plate on site

Legend:
BN = width of niche **HK** = headplate bracket **HT** = side channel bracket **K** = cassette width

Figures are in mm

Sottezza II installation of special bracket

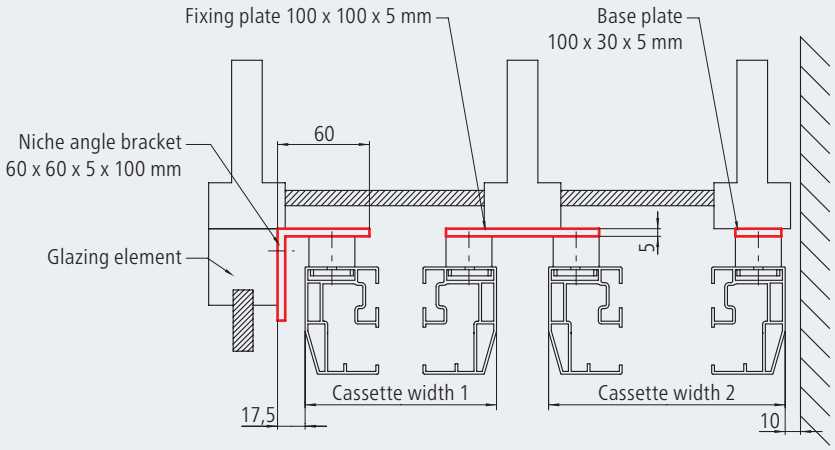
Examples of installation with niche angle bracket with connection and base plate

The two examples below show how special fastening materials are used. The right brackets must be used to suit the specific architecture and type of shading required.

- The side channel brackets on the right side can be underlayed with base plates or with fixing plates at the connection point.
- The boltings at the connection point are located sideways on the roof support or directly in the roof support depending on the width of the roof support.

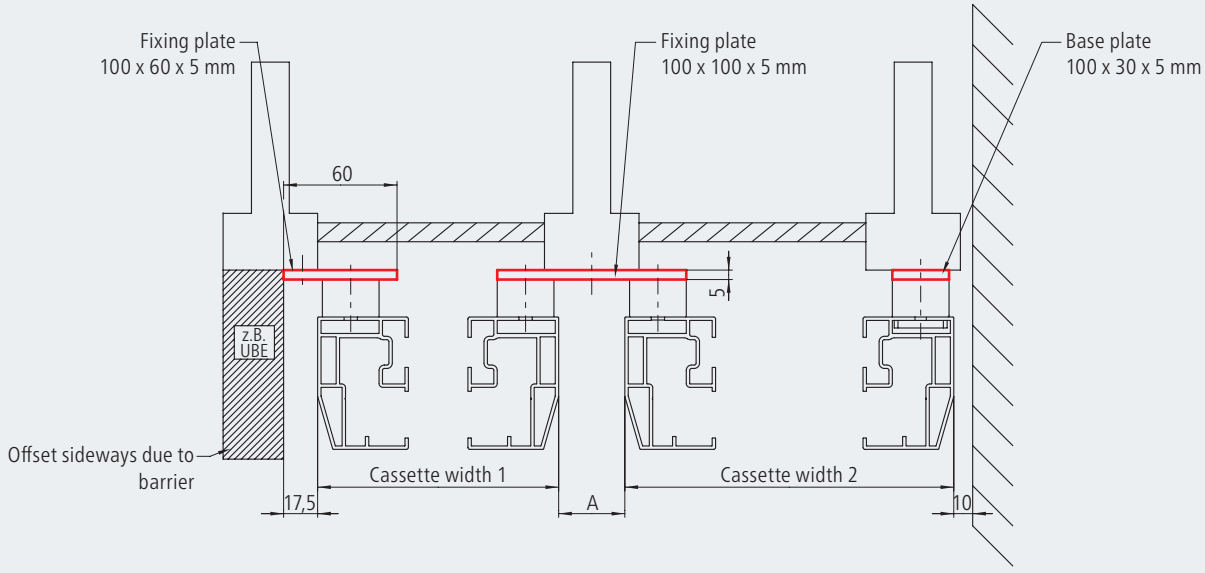
Sottezza II fixed to roof with sideways vertical element

Due to the sideways mounting on the vertical element, all brackets shift 5 mm downwards, so the brackets at the connection point and on the right-hand side need 5 mm of padding.



Sottezza bracket with sideways offset

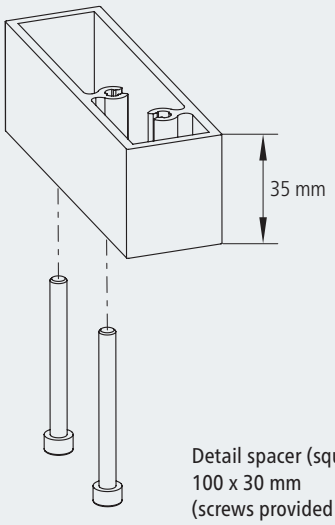
Due to the sideways offset on the left, all brackets shift 5 mm downwards, so the brackets at the connection point and on the right-hand side need 5 mm of padding



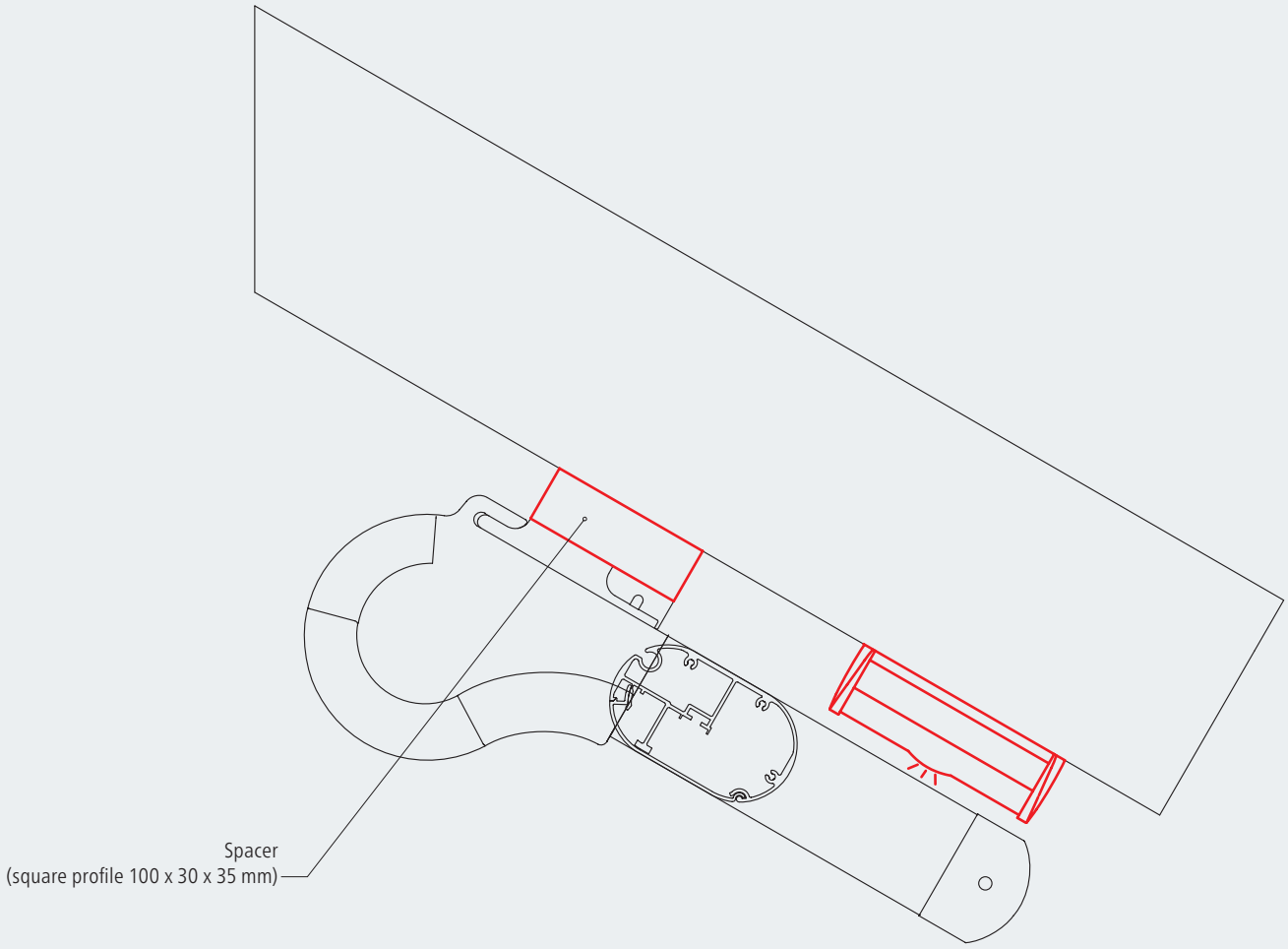
Legend:
UBE = glazing element
A = dependent on the width of the roof support supplied by another manufacturer

Installation of Sottezza II spacer (square profile)

If a larger spacing to the roof should be necessary (e.g. use of light bar or a roof vent), this can realised with a spacer.



Detail spacer (square profile)
100 x 30 mm
(screws provided on site)



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Awnings

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Awning

Awning with Valance Plus and Tempura

Awning with Valance Plus and Paravento

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Pergola awning PergoTex II and Tempura

Pergola awning Plaza Home and Paravento

Pergola awning Plaza Pro with Paravento and VertiTex

Customised, systemised solutions

Patio roof and Glasoase®

Terrazza patio roof with Sottezza II sun protection

Patio roof with SUPER LITE fixed glazing

Glasoase® with conservatory awning and all-glass elements

Patent no			
EP1310609	1541776	EP0916781	0994221
1403442	2072709	EP0959195	1206609
1382770	0745742	EP0942114	1099808

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