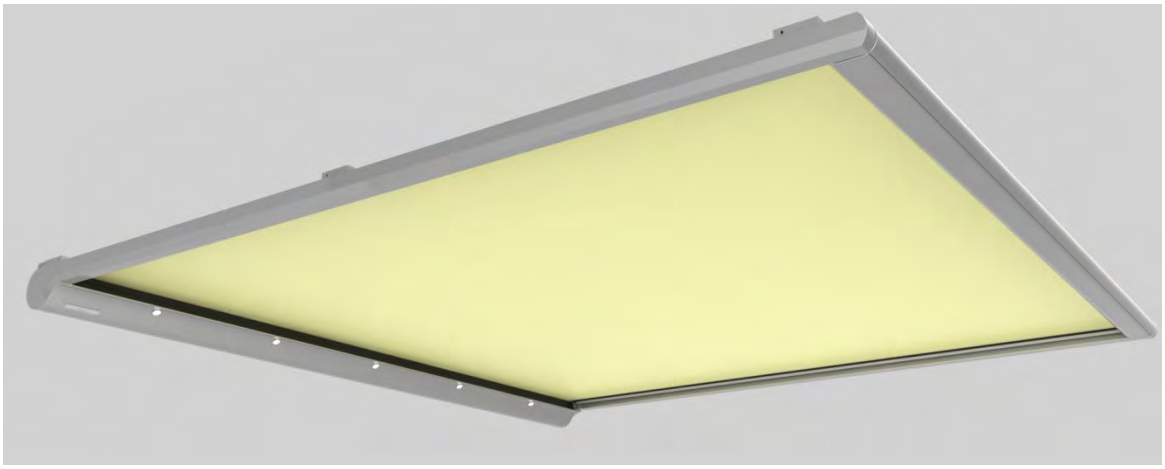
Sottezza II Stretch/LED
Sottezza II OptiStretch/LED
Conservatory awning

Instructions for assembly

ENGLISH



Please read these instructions and observe their content and warnings before commencing any installation work. This information is important for the installation and the proper use of the material.

Follow the specified installation steps precisely and observe the details and recommendations.

Only trained personnel may put the units into operation.

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Navigating through the instructions for assembly

weinor patio roof

With Sottezza II provision

Headplate bracket:
- Section 4.2.1, point 1

Side channel bracket:
- Section 4.2.2, point 1

Without Sottezza II provision

Indented standard installation for side glazing elements

Headplate bracket:
- Section 4.2.1, point 2a
- Section 4.2.1, point 3a

Side channel bracket:
- *Section 4.2.2, point 2a*
- *Section 4.2.2, point 3a*

Non-indented installation when there are no side glazing elements

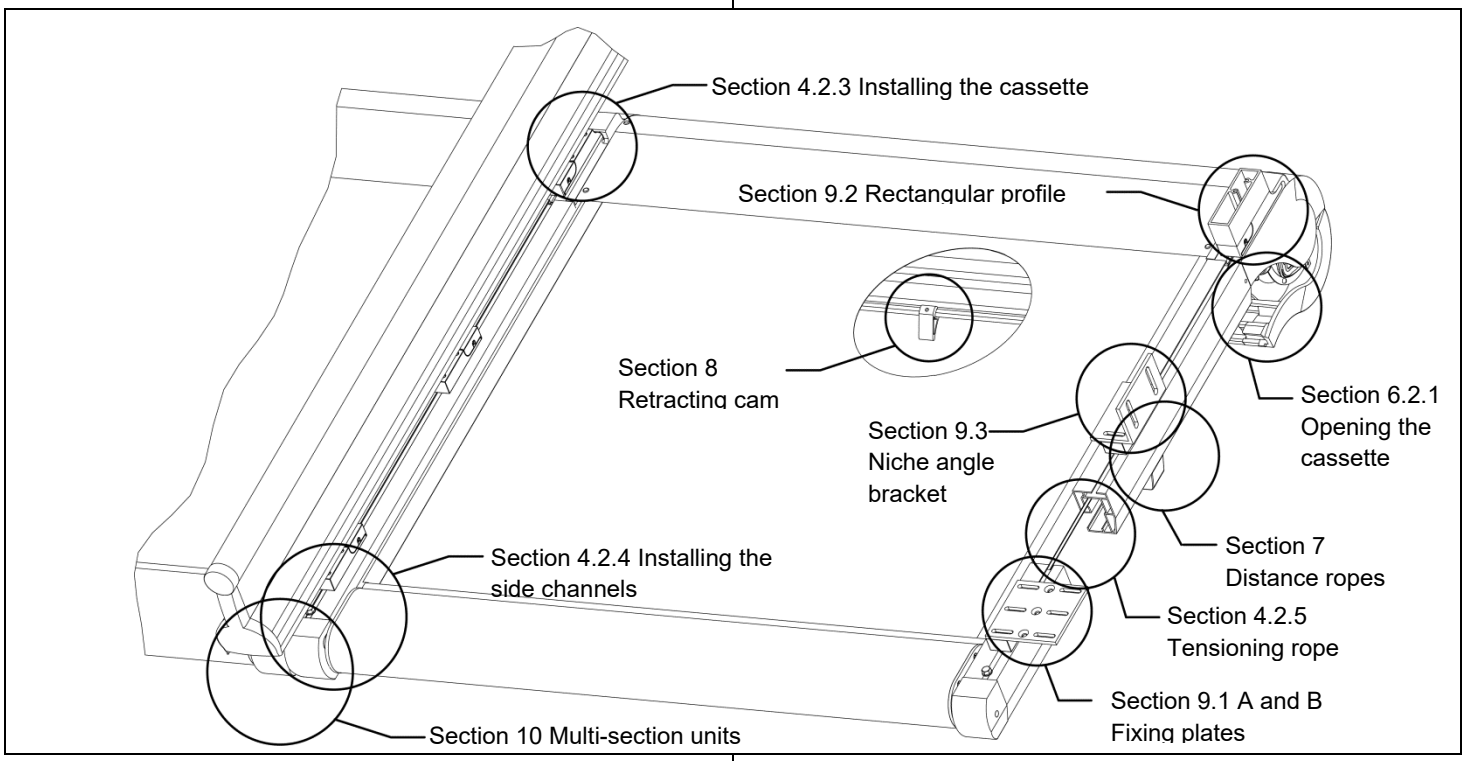
Headplate bracket
- Section 4.2.1, point 2b
- Section 4.2.1, point 3b

Side channel bracket:
- Section 4.2.2, point 2b
- Section 4.2.2, point 3b

Third-party roof
- Section 4.2.1 Information
- Section 8.1, point C

OptiStretch
- Section 4.2.4, point 3a + 4

Stretch
- Section 4.2.4, point 3b + 4
- Section 6



- Section 5 Aligning the system
- Section 6 Fault analysis
- Section 10 Aligning the unit
- Section 11 Electrical connection
- Section 12 LED lighting
- Section 13 Fault analysis

List of contents

1 Details on instructions for assembly

These instructions are geared towards trained technicians and require knowledge of installation techniques. Sun protection systems may only be installed by specially qualified personnel with corresponding installation experience.

1.1 Validity of these instructions

The sun protection systems have been approved for export and for use in Germany.

1.2 CE mark

We, weinor GmbH & Co. KG, hereby expressly confirm that the sun protection system complies with the fundamental requirements and other relevant stipulations of the EN standards.

CE
weinor GmbH & Co. KG **Mathias-Brüggen-Straße 110** **50829 Cologne** **14** **Declaration of performance** **no. 220405-SO**
EN 13561:2004+A1:2008 **Sottezza II Stretch/LED /** **OptiStretch/LED** Conservatory awning Installation in outdoor areas **Wind resistance class 2**

1.3 Depiction

1.3.1 Warnings

The warnings differentiate between personal injury and damage to property. The signal word "Danger" is used for personal injury, and "Caution" for property damage.

DANGER	Immediate danger to life and limb!
CAUTION	Immediate danger to the product and environment!

1.3.2 Tips and recommendations

	Highlights useful tips and information that enable fast and correct installation.

1.3.3 Illustrations

References to item numbers can be found in the text in parentheses, e.g. **(1)**.

1.3.4 Instructions requiring action

Instructions requiring action are written in bold print. If the instruction requiring action consists of several individual steps, these have been numbered in the order in which they are to be carried out, e.g.:

1.	**Installing the headplate brackets**
	1. Mark holes to be drilled using a drill template. 2. Drill holes in the roof support.

1.3.5 Symbols used

Symbol	Explanation	Remarks
X	Incorrect	Change necessary settings
✓	Correct	Leave settings unchanged.

2 Safety instructions

DANGER

Personal injury
Risk of personal injury due to improper installation of the sun protection system.
Please read and observe the safety instructions contained in this section.

CAUTION

Product and property damage
Risk of damage to the product and property due to improper installation of the sun protection system.
► **Please read and observe the safety instructions contained in this section.**

2.1 Fundamental safety instructions

- The installation and operating manual must be read and observed.
- Observe the corresponding accident prevention regulations.
- Ensure when installing the awning that all existing electrical connections are disconnected.
- Cordon off a large space around the installation site.
- Check that all scaffolding and building facilities are duly safe and secure.
- Observe the stipulations relating to dowels and fixings.
- Only work with fully intact and appropriate tools.
- Keep plastic sheeting, packaging material and small parts away from children – risk of suffocation!
- At least two technicians are required for the installation.

2.2 Qualifications

The instructions for assembly are aimed at qualified technicians who have knowledge of and are experienced in the following areas:

- Safety at work, operating safety and accident prevention regulations
- Use of ladders and scaffolding
- Handling and transporting long, heavy components
- Handling and transporting glass panes
- Handling tools and machines
- Fitting the fixing materials
- Estimation of the building structure
- Start-up and operation of the product.

If one of these qualifications is lacking, a qualified installation firm must be brought in.

2.2.1 Electrical operations

In accordance with VDE 100 safety regulations, electrical work may only be carried out by an electrically skilled person. The installation instructions accompanying the supplied electrical equipment must be observed.

2.3 Transport

The maximum permissible axle loads and gross vehicle weight of the goods vehicles must not be exceeded. Loading a vehicle can alter its handling characteristics.

The transported goods must be mounted properly and securely. The packaging must be protected against moisture. Softened packaging can come loose and cause accidents. Packaging which has been opened for incoming goods inspections must be sealed again properly for further transport.

When unloaded, the sun protection system must be carried to the place of installation the right way round so it does not have to be turned round again in a confined space. The note on the box about which way up the unit should be placed must be observed.

2.4 Lifting with ropes

If the unit needs to be raised to a higher level using ropes, it must be

- removed from the packaging;
- attached to the hauling ropes so that it cannot slide out;
- lifted horizontally and evenly.

The same applies when dismounting the unit.

2.5 Headplate/Side channel brackets

Before beginning the installation work, check

- that the headplate/side channel brackets supplied are of the same type and of the same quantity as ordered,
- that the information provided in the order about the installation surface tallies with the actual installation surface on site.

If any deviations should be found whatsoever which compromise the safety of the installation, the installation work must not be carried out.

2.6 Fixing material

The sun protection system complies with the requirements of the wind resistance class shown on the CE conformity mark. When fitted, it only complies with these requirements provided that

- the sun protection system is fitted with the type and number of headplate/side channel brackets recommended by the manufacturer, and
- the manufacturer's recommendations for the fixing material to be used have been complied with.

2.7 Ladders

Do not lean ladders against the sun protection system or fix them to the system. Ladders must be on a firm base and provide adequate support. Only use ladders with adequate load-bearing capacity.

2.8 Anti-fall guards

Workers run the risk of falling when working at elevated heights. Suitable anti-fall guards must be used.

2.9 Electrical connection

The sun protection system may only be connected to an electricity supply if the specifications provided on the tag attached to the system and/or the specifications provided in the supplied instructions for assembly tally with the power supply voltage. At the very least, the tag and/or specifications must specify the voltage, frequency and output values.
The installation instructions accompanying the supplied electrical components must be observed. A permanent electrical connection may only be made to power grids fitted with an all-pole cutting off plate cylinder with a minimum 3 mm wide contact gap.

2.10 Intended use

This is a sunscreen installation and may only be used as a sunscreen. Failure to use the product as intended may result in severe danger.
The unit must only be fitted under a roof.

Alterations such as attaching items or conversions not envisaged by weinor may only be carried out with weinor's written consent.

Additional loads on the sun protection system caused by hanging objects from it or by anchoring ropes may result in damage or cause the system to fall and are therefore not permissible.

2.11 Unsupervised operation

When working in the range of the sun protection system's movement, the automatic controls must be switched off. There is a danger of trapping or the system falling down.

Measures must also be taken to ensure that the sun protection system cannot be operated unintentionally. These include cutting off the power source, e.g. by disconnecting the fuses or removing the connector coupling from the rear of the sun protection system.

If sun protection systems are operated by several users, a priority locking device must be installed (controlled interruption of power supply from outside), making it impossible to open or retract the system at all.

2.12 Test run

When opening the sun protection system for the first time, its working range and the area below it must be kept clear. A visual inspection of the fixing material must be performed after the system has been opened for the first time.
When carrying out test runs, never use automatic system controls or switches if the sun protection system is not in the operator's line of vision (danger of system starting unintentionally).
We recommend that you connect a test cable to the motor input.

The installation and adjustment instructions supplied by the manufacturer of the motor, switches and controls must be observed.

2.13 Crushing and cutting zones

Beware of crushing and cutting zones between e.g. the projection profile and the cassette, the distance rope and the projection profile, the projection profile and the cross members of the roof vents, as well as profiles that come into contact with each other. Beware of clothing and/or limbs getting caught in the unit and pulled in!

If the sun protection system is installed at a height of less than 2.5 metres, the system may only be operated using a key switch with all moving parts in sight. Electrical controls, radio controls with latch switches, stand-alone latch switches, etc. are not permissible here.

The key switch must be fitted in the line of sight of the projection profile, but far enough removed from the moving parts, at a height of 1.5 metres (national regulations relating to disabled people must be observed).

2.14 Note on the generation of noises (creaking) on the system in the event of temperature changes !

	Noises which occur on the system after proper assembly and/or maintenance are unavoidable and are mostly due to the expansion of components due to the effect of heat. • Ensure stress-free assembly when screwing the individual components together in order to minimise subsequent noise generation, particularly in the event of temperature influences!

2.15 Handover

All operating manuals as well as the manufacturer's installation and adjustment instructions for motors, switches and controls must be handed to the user who must be instructed in the operation of the unit. Detailed instruction on the safe and proper operation of the sun protection system must be given.
If this is not adhered to and the sun protection system is operated incorrectly, the system may be damaged or accidents may occur.

The instructions must be kept by the customer and passed on to the new owner if ownership of the sun protection system passes to a third party.

After noting the on-site structural conditions and completing installation, the installation firm is to inform the user whether the wind resistance class given by the manufacturer was achieved when the sun protection system was installed. If not, the installation firm must record the wind resistance class actually achieved.

Automatic controls must be set to this level.

The customer must confirm to the technician in writing that the sun protection system is the right model and has been installed correctly, indicating the installation time, and that final acceptance of the system has taken place during which the safety instructions were discussed (see Handover section).

3 Product description

3.1 Schematic diagram

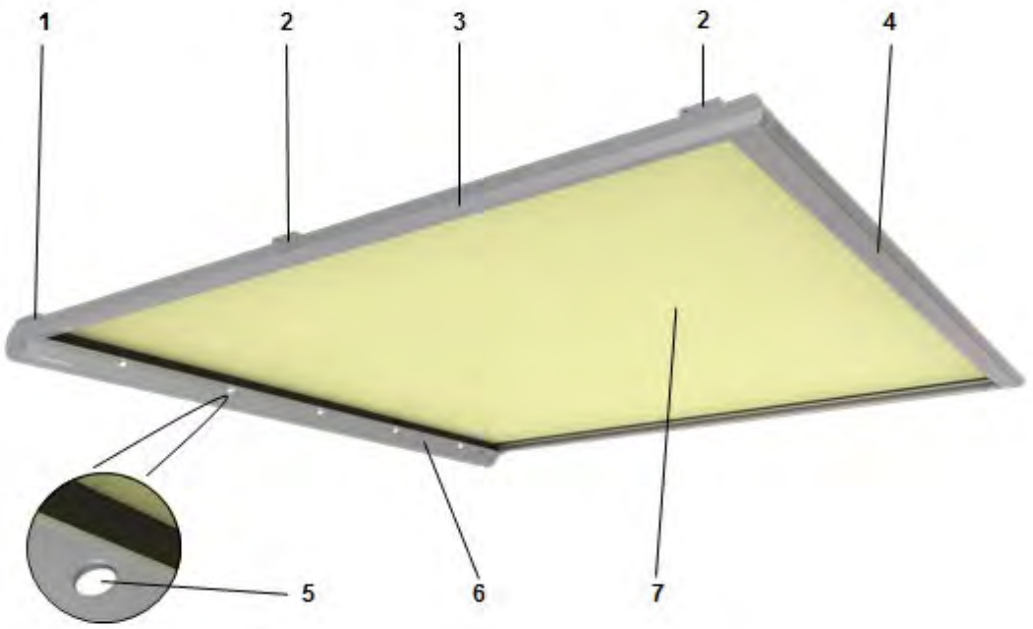


Figure 1: Schematic diagram of the Sottezza II Stretch

1	Headplate bracket	5	LED spotlight
2	Side channel bracket	6	Cassette
3	Side channel	7	Fabric
4	Projection profile		

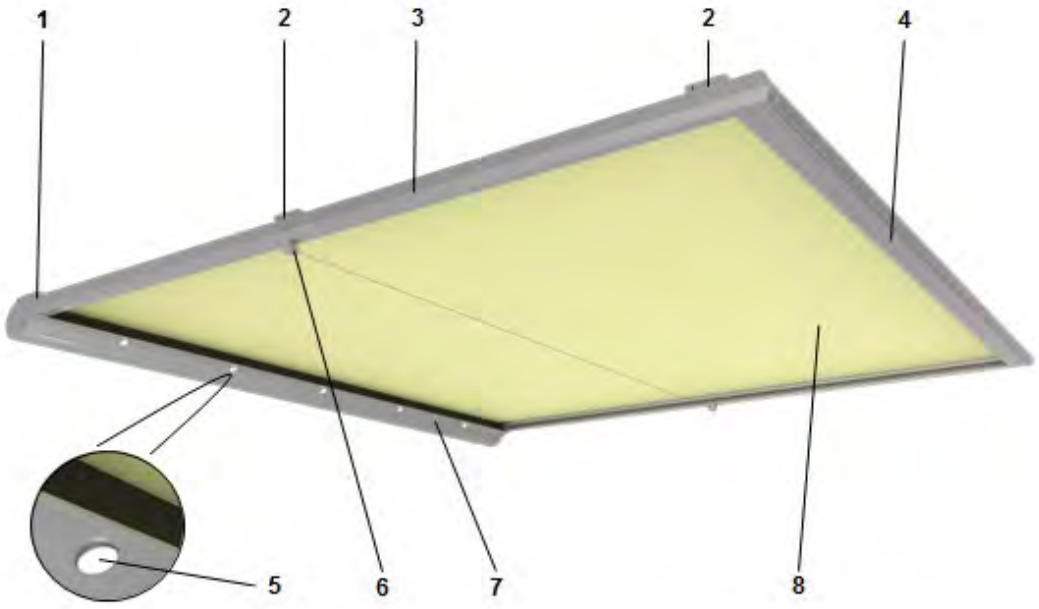


Figure 2: Schematic diagram of the Sottezza II OptiStretch

1	Headplate bracket	5	LED spotlight
2	Side channel bracket	6	Distance rope
3	Side channel	7	Cassette
4	Projection profile	8	Fabric

4 Installation

4.1 Safety instructions

DANGER

Danger due to missing or incorrect fixings and pre-tensioned rope clamping system.

Check before beginning the installation work

- that the fixings supplied are of the same type and of the same quantity as ordered.
- that the pre-tensioned rope clamping system is in the correct position and is fixed securely.

If any deviations are found which pose a safety risk, do not carry out the installation work.

- A gap of 40 mm to the wall is required at the back in order to attach the Sottezza II to the headplate brackets.
- The same gap between the unit and the wall applies to the option with the light.

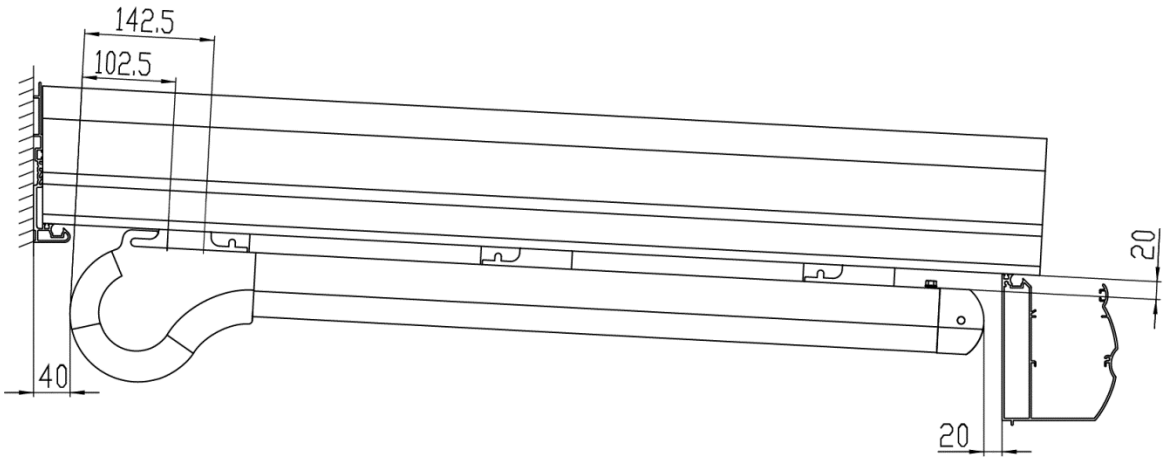


Figure 3: Gap between the Sottezza II and the wall

4.2 Installation on a weinor patio roof without Sottezza II provision

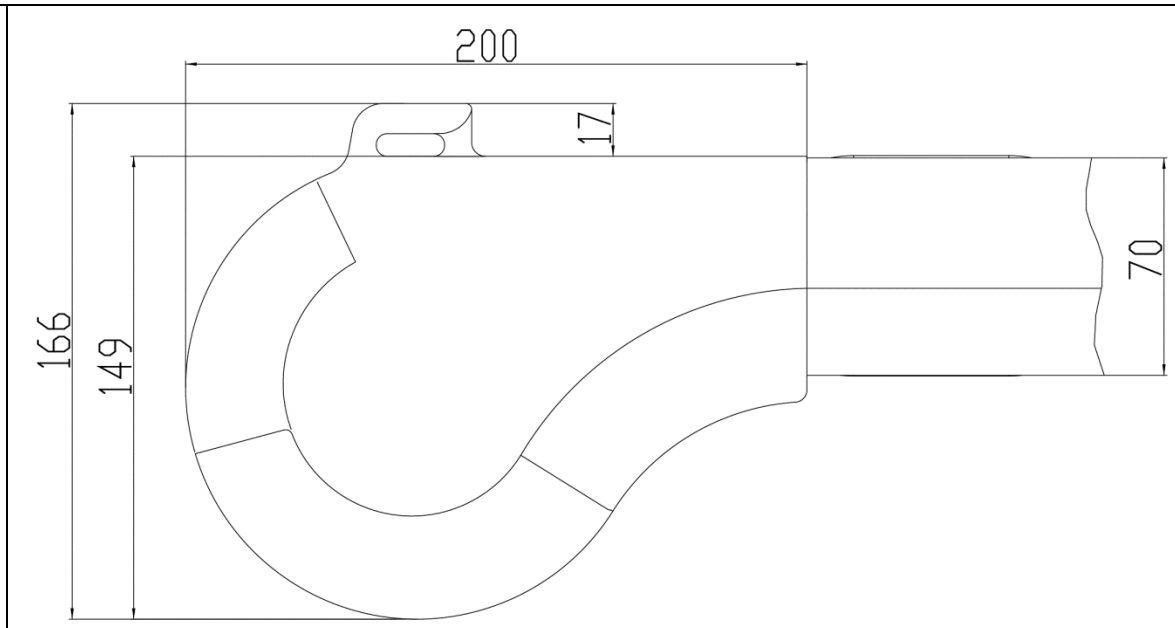


Figure 4: Side view of the Sottezza II

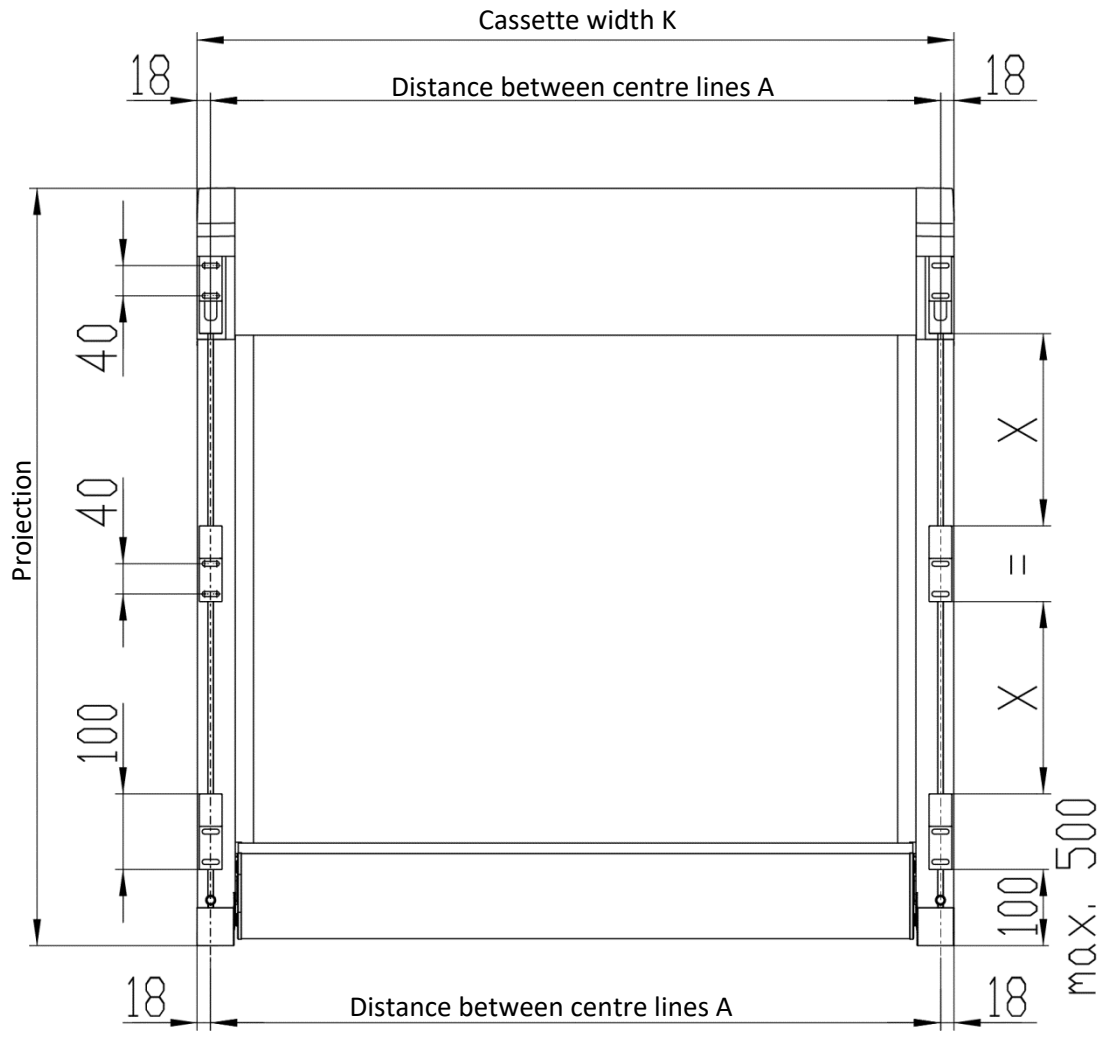
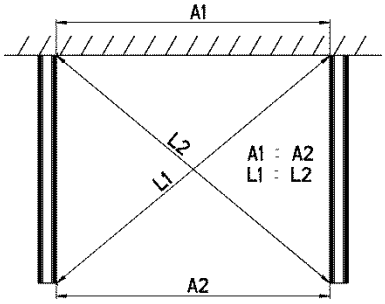


Figure 5: Drill hole positions

4.2.1 Installing the headplate brackets

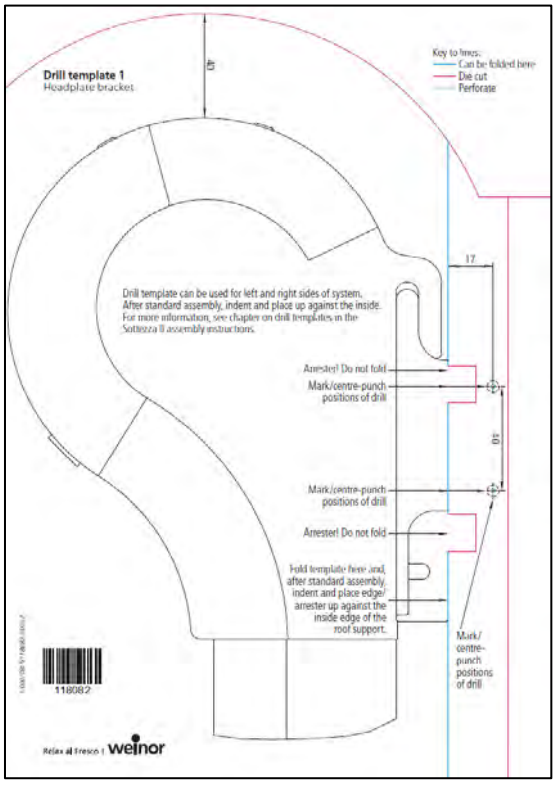
- Before beginning the installation work, check that the substructure is square and that it has adequate load-bearing capacity.
- In the case of a third-party roof or a weinor roof without Sottezza II bracket provision, attachment screws for the brackets must be chosen in accordance with the structural conditions and requirements. They must always be sealed so that no rainwater can get inside.
- The prescribed number of brackets must be used as a minimum.
- In the case of the Sottezza II, the standard installation is always indented so that side glazing elements can be retrofitted.



1. **Drill template 1** (headplate brackets)

- "Drill template 1" (headplate brackets) is supplied pre-punched.
- If it is missing, there is a drill template which can be cut out on page 55.
- "Drill template 1" (headplate brackets) is designed for use with both the indented standard installation for side glazing elements (in this case, fold towards the printed side) and the non-indented installation when there are no side glazing elements (in this case, fold towards the non-printed side).
- It can also be used on both the left and right side of the unit if folded accordingly.

CAUTION:
"Drill template 1" (headplate brackets) is only suitable for third-party roofs to a certain extent. The spacing of the drill holes in the direction of the projection can be used. This is not suitable in the case of installation with the 100x30 mm rectangular profile or the fixing plates.

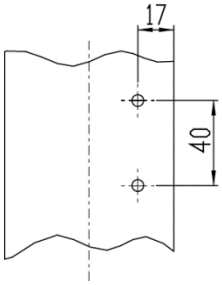


- In the case of a weinor patio roof with Sottezza II provision, the headplate/side channel brackets can be screwed in place directly. The fixing slider is sealed in place in the roof support at the factory.
- When fixing the headplate/side channel brackets to a weinor patio roof with 4.8x16 filister-head self-tapping screws, max. 3.8 mm holes must be drilled. There is no fixing slider. The fixings must be sealed (see point "Sealing the fixings"). In the case of retrofitting, 4 4.8x16 filister-head self-tapping screws are required for the headplate bracket.
- In the case of third-party roofs, suitable screws for installation on site have to be selected. The recommended maximum screw head diameter is 9.5 mm.

2a. **Using the drill template to drill holes for the headplate brackets (indented standard installation for side glazing elements)**

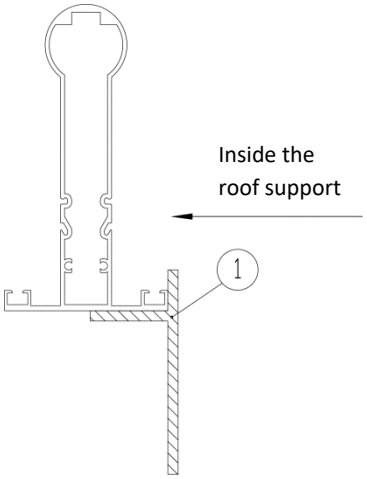
CAUTION:
Check the width, projection and installation position of the unit first.

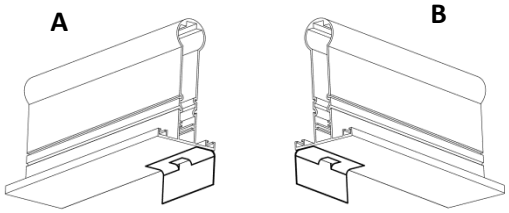
1. The drill hole positions for the headplate brackets can be marked using the supplied "drill template 1" (headplate brackets) **(1)**.
2. "Drill template 1" (headplate brackets) must be placed on the inside of the left **(A)** or right **(B)** roof support in the case of "indented standard installation".
3. The gap between the Sottezza II and the wall is already specified as 40 mm in the drill template
4. Mark the drill hole position for the headplate brackets on the bottom side of the roof support, then punch and drill the hole.



Drill hole position on the roof support

5. Remove accumulated drilling chips.





Left-hand side of the unit

Right-hand side of the unit

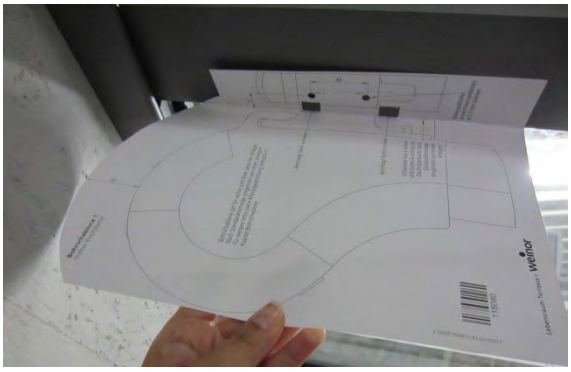
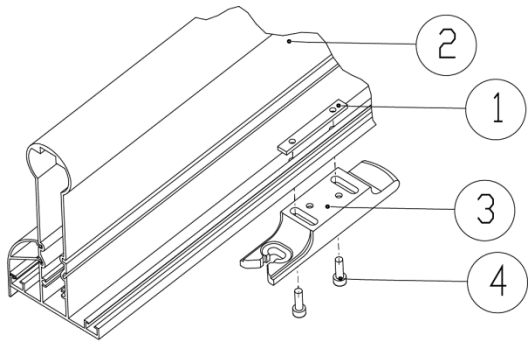
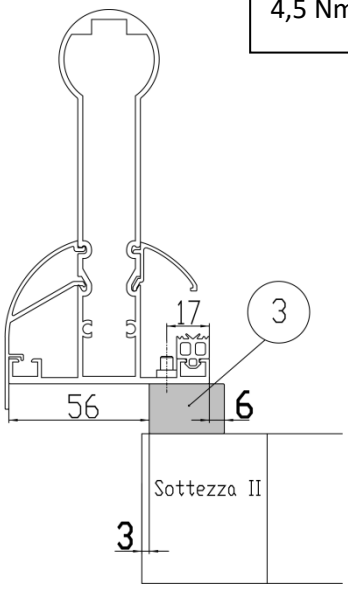
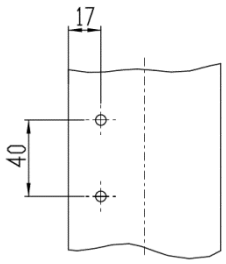
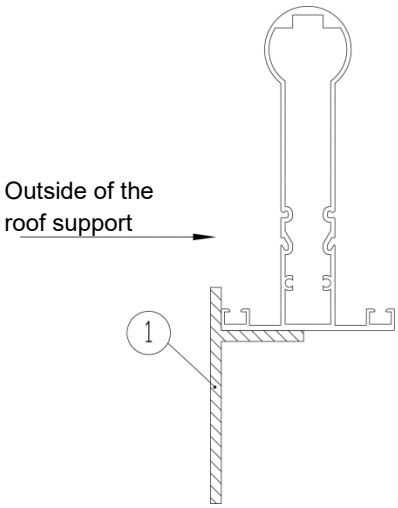
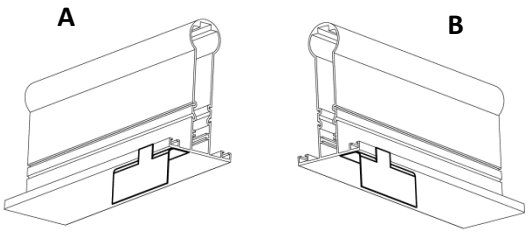


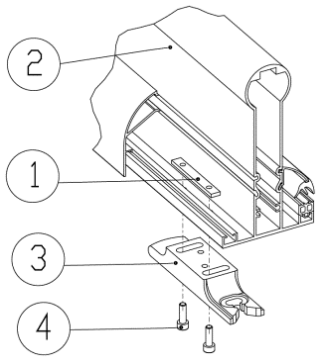
Photo of an indented unit (left-hand side of the unit)

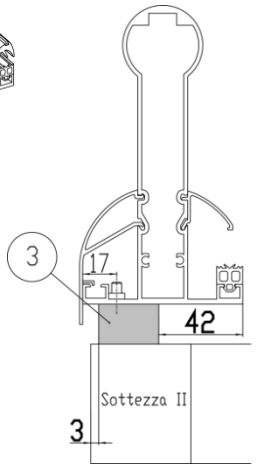
3a.	**Installing the headplate brackets with socket head cap screws (indented standard installation for side glazing elements)** 1. Place the 60x8x3 mm fixing slider **(1)** on top of the two drill holes in the roof support **(2)**, hold the headplate bracket **(3)** in place on the roof support **(2)** from below (opening for the fixing slider must point towards the guttering) and screw in place with the two M5 hexagon socket head cap screws **(4)**. 2. If necessary, the headplate bracket **(3)** can be aligned before it is screwed into place (using the stop bracket). 3. The drill holes are repeated on the other side of the untrussed roof. **CAUTION:** In the case of weinor roofs, the thickness of the glazing elements must not exceed 50 mm if they are to be installed directly on the roof support. ***Note:*** **Alternative screw position** *(This only applies in the case of indented standard installation for side glazing elements)* **1.** It is possible to use a spacing of 6.5 mm instead of 17 mm when drilling into the sealing groove of the roof support. Do not drill deeper than 10 mm. The drill template provided is not applicable in this instance. **2.** Two of the self-tapping screws provided are used per bracket.	  

2b.	**Using the drill template to drill holes for the headplate brackets (non-indented installation when there are no side glazing elements)** **CAUTION:** Check the width, projection and installation position of the unit first. 1. The drill hole positions for the headplate brackets can be marked using the supplied "drill template 1" (headplate brackets) **(1)**. 2. "Drill template 1" (headplate brackets) must be placed on the outside of the left **(A)** or right **(B)** roof support in the case of "non-indented" installation. 3. The gap between the Sottezza II and the wall is already specified as 40 mm in the drill template 4. Mark the drill hole position for the headplate brackets on the bottom side of the roof support, then punch and drill the hole.  Drill hole position on the roof support 5. Remove accumulated drilling chips.	  Left-hand side of the unit Right-hand side of the unit  Photo of a non-indented unit (left-hand side of the unit)

3b. **Installing the headplate brackets (non-indented installation when there are no side glazing elements)**

1. Place the 60x8x3 mm fixing slider **(1)** on top of the two drill holes in the roof support **(2)**, hold the headplate bracket **(3)** in place on the roof support **(2)** from below (opening for the fixing slider must point towards the guttering) and screw in place with the two M5 hexagon socket head cap screws **(4)**.
2. If necessary, the headplate bracket **(3)** can be aligned before it is screwed into place (using the stop bracket).
3. The drill holes are repeated on the other side of the untrussed roof.





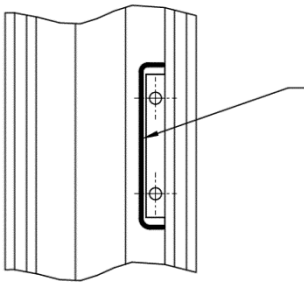
The following points apply to "indented standard installation for side glazing elements" and to "non-indented installation when there are no side glazing elements":

Sealing the fixings

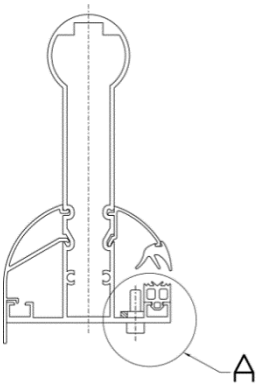
The screw connections between the headplate brackets and the water guiding grooves in the roof support should be sealed from above using adhesive and sealant when installation is complete, a test run has been performed and it is certain that the fixings do not need to be realigned.

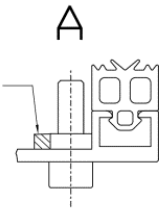
The illustration shows the indented standard version of the Sottezza II (with fixing slider and socket head cap screws) for side glazing elements. In the case of the non-indented version of the Sottezza II, the sealing point is on the opposite side of the roof support.

When using filister-head self-tapping screws, these must also be sealed either by applying the sealant directly to the thread or into the drill hole in the roof support.



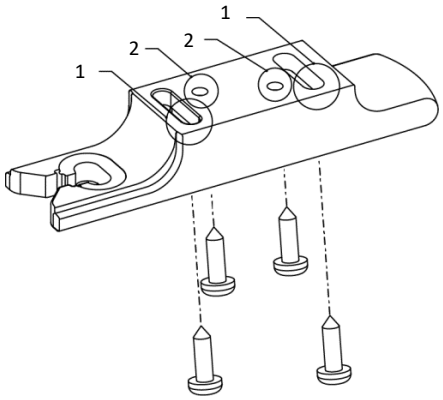
Seal the slider with adhesive and sealant in such a way that water can still flow past in the roof support groove (view of the roof support from above)





Screwing the filister-head self-tapping screws into place

If the brackets are installed with filister-head self-tapping screws, each of the headplate brackets must be fixed in place with 4 screws. The two screws in the long slots **1** must be tightened before drilling the other two holes in the roof support. Finally, the two screws on the inside **2** are screwed into place in the roof support.



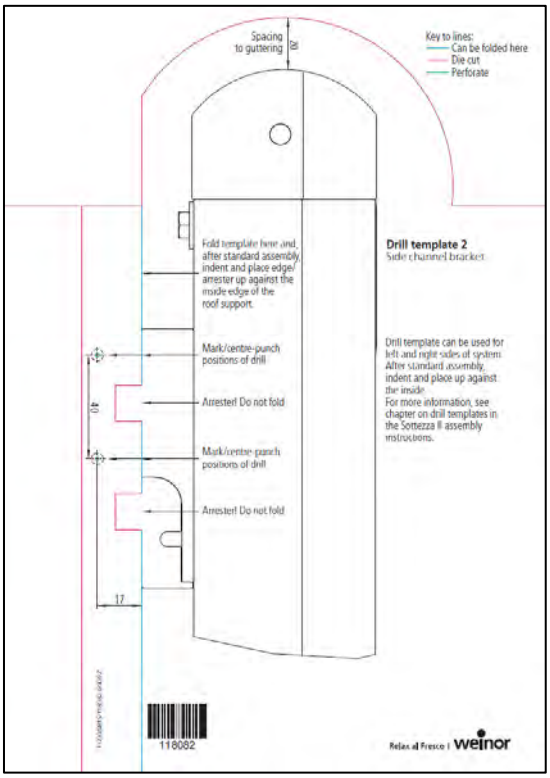
4.2.2 Installing the side channel brackets

The distance between centre lines of the side channels must be checked.
Check the cassette width in relation to the distance between the side channel brackets.

1. **Drill template 2** (side channel brackets)

- "Drill template 2" (side channel brackets) is supplied pre-punched.
- If it is missing, there is a drill template which can be cut out on page 56.
- "Drill template 2" (side channel brackets) is designed for use with both the indented standard installation for side glazing elements (in this case, fold towards the printed side) and the non-indented installation when there are no side glazing elements (in this case, fold towards the non-printed side).
- It can also be used on both the left and right side of the unit if folded accordingly.

CAUTION:
"Drill template 2" (side channel brackets) is only suitable for third-party roofs to a certain extent. The spacing of the drill holes in the direction of the projection can be used. This is not suitable in the case of installation with the 100x30 mm rectangular profile or the fixing plates.
If there are barriers in the area of the guttering, the spacing of 20 mm to the guttering cannot be adhered to. This spacing must be increased accordingly and cannot be created using "drill template 2" (side channel brackets).

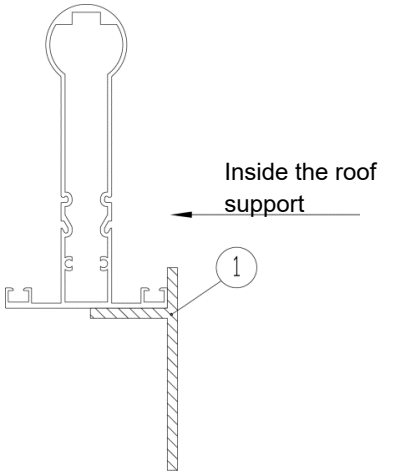


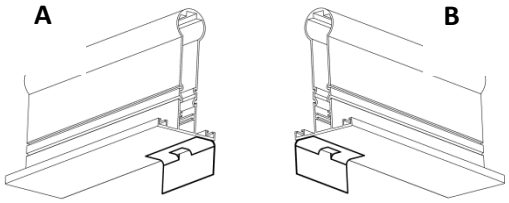
- In the case of a weinor patio roof with Sottezza II provision, the headplate/side channel brackets can be screwed in place directly. The fixing slider is sealed in place in the roof support at the factory.
- When fixing the headplate/side channel brackets with filister-head self-tapping screws, max. 3.8 mm holes must be drilled.
  There is no fixing slider. The fixings must be sealed (see point "Sealing the fixings").
- In the case of third-party roofs, suitable screws for installation on site have to be selected. The recommended maximum screw head diameter is 9.5 mm.

2a. **Using the drill template to drill holes for the side channel brackets (indented standard installation for side glazing elements)**

Note:
The first side channel bracket is always 100 mm away from the outside edge of the end cap on the side channel.

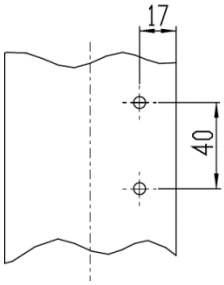
1. The drill hole positions for the side channel brackets can be marked using the supplied "drill template 2" (side channel brackets) **(1)**.
2. "Drill template 2" (side channel brackets) must be placed on the inside of the left **(A)** or right **(B)** roof support in the case of "indented standard installation".
3. "Drill template 2" includes 20 mm spacing from the end cap to the guttering.
4. Mark the drill hole position for the side channel brackets on the bottom side of the roof support, then punch and drill the hole.
5. Remove accumulated drilling chips.
6. Mark the positions of the other (in the case of a large projection) side channel brackets so that they are more or less evenly spaced in relation to the other brackets over the length of the roof support.
7. Place "drill template 2" (side channel brackets) in position (cut to size if necessary), mark the drill hole position on the bottom side of the roof support, then punch and drill the hole.





Left-hand side of the unit

Right-hand side of the unit



Drill hole position on the roof support

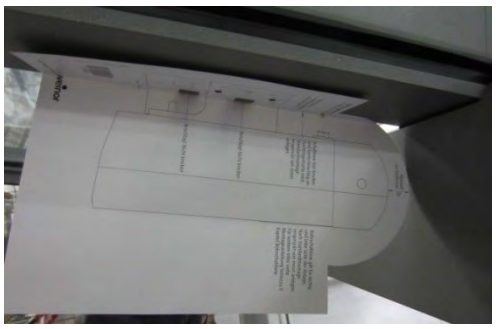
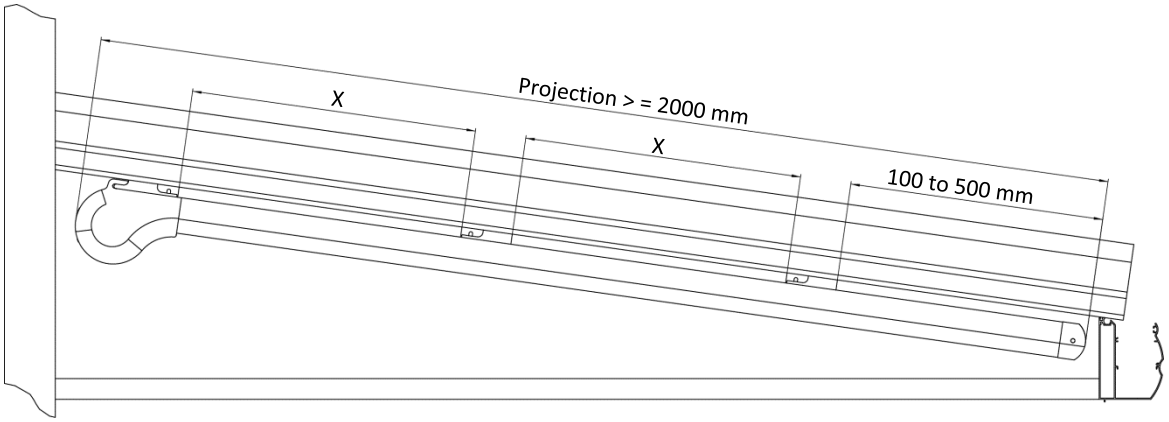


Photo of an indented unit (left-hand side of the unit)

Terrazza without Sottezza II provision, with a side barrier such as a wind support bracket

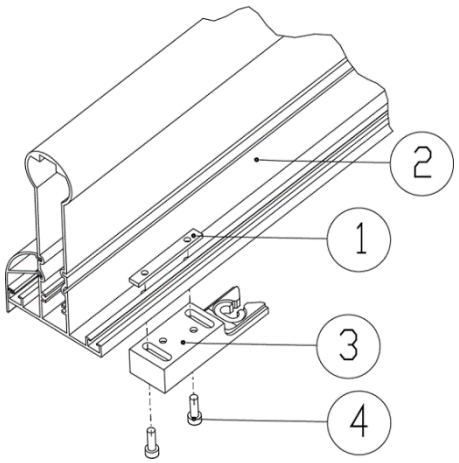
This combination leaves very little space to drill the holes for the side channel brackets. The first side channel bracket can therefore be indented up to 500 mm, if the unit projects more than 2 m.



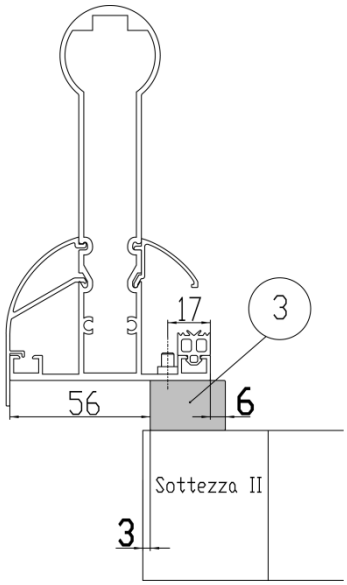
3a. **Installing the side channel brackets with socket head cap screws (indented standard installation for side glazing elements)**

1. Place the 60x8x3 mm fixing slider **(1)** on top of the two drill holes in the roof support **(2)**, hold the side channel bracket **(3)** in place on the roof support **(2)** from below (opening for the fixing slider must point towards the wall) and screw in place with the two M5 hexagon socket head cap screws **(4)**.
2. If necessary, the side channel bracket **(3)** can be aligned before it is screwed into place (using the stop bracket).
3. The drill holes are repeated on the other side of the untrussed roof.

CAUTION:
In the case of weinor roofs, the thickness of the glazing elements must not exceed 50 mm if they are to be installed directly on the roof support.



4,5 Nm



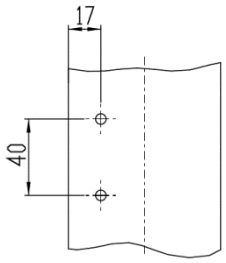
2b. **Using the drill template to drill holes for the side channel brackets (non-indented installation when there are no side glazing elements)**

Note:

The first side channel bracket is always 100 mm away from the outside edge of the end cap on the side channel.

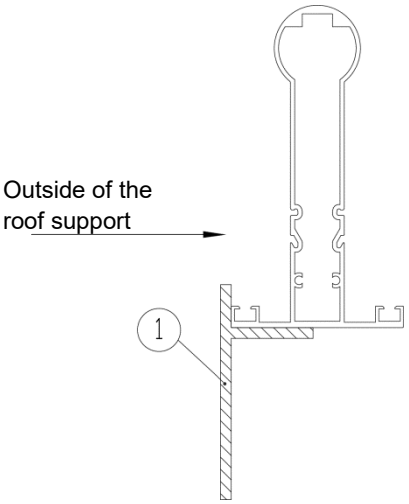
1. The drill hole positions for the side channel brackets can be marked using the supplied "drill template 2" (side channel brackets) **(1)**.
2. "Drill template 2" (side channel brackets) must be placed on the outside of the left **(A)** or right **(B)** roof support in the case of "non-indented" installation.
3. "Drill template 2" includes 20 mm spacing from the end cap to the guttering.

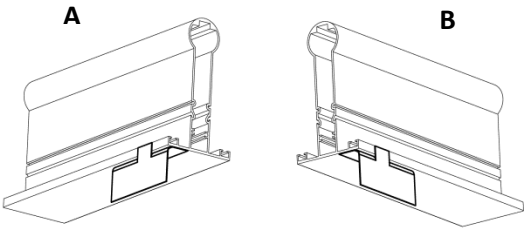
4. Mark the drill hole position for the side channel brackets on the bottom side of the roof support, then punch and drill the hole.



Drill hole position on the roof support

5. Remove accumulated drilling chips.
6. Mark the positions of the other (in the case of a large projection) side channel brackets so that they are distributed symmetrically in relation to the other brackets over the length of the roof support.
7. Place "drill template 2" (side channel brackets) in position (cut to size if necessary), mark the drill hole position on the bottom side of the roof support, then punch and drill the hole.





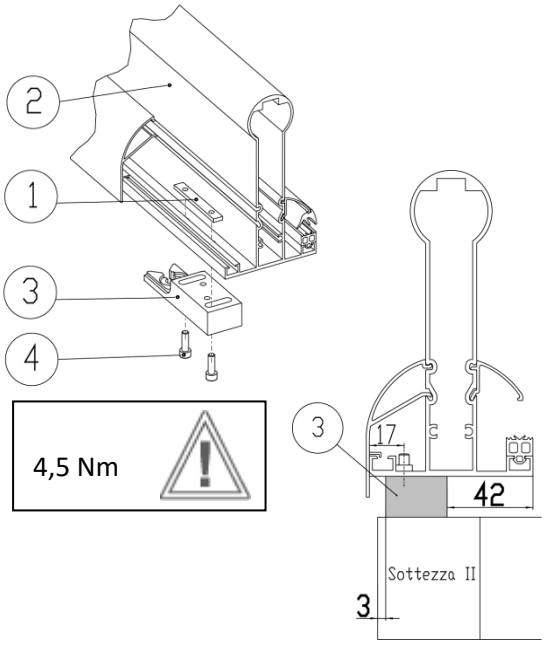
Left-hand side of the unit

Right-hand side of the unit

Photo of a non-indented unit (left-hand side of the unit)

3b. **Installing the side channel brackets (non-indented installation when there are no side glazing elements)**

1. Place the 60x8x3 mm fixing slider **(1)** on top of the two drill holes in the roof support **(2)**, hold the side channel bracket **(3)** in place on the roof support **(2)** from below (opening for the fixing slider must point towards the wall) and screw in place with the two M5 hexagon socket head cap screws **(4)**.
2. If necessary, the side channel bracket **(3)** can be aligned before it is screwed into place (using the stop bracket).
3. The drill holes are repeated on the other side of the untrussed roof.

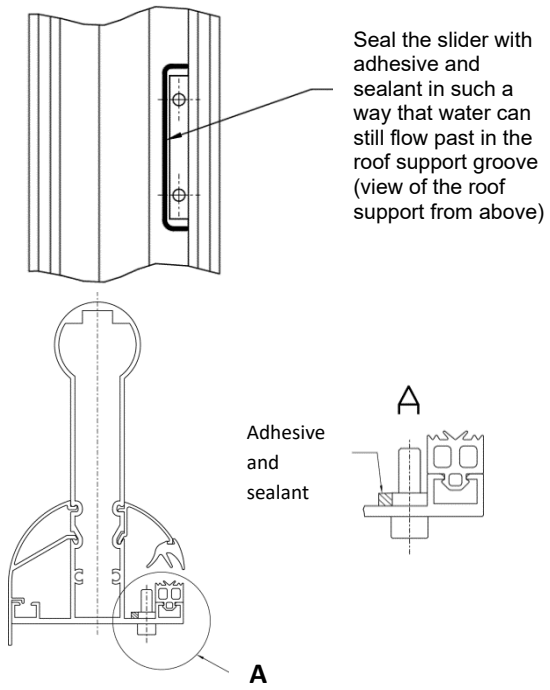


The following points apply to "indented standard installation for side glazing elements" and to "non-indented installation when there are no side glazing elements":

The screw connections between the side channel brackets and the water guiding grooves in the roof support should be sealed from above using adhesive and sealant when installation is complete, a test run has been performed and it is certain that the fixings do not need to be realigned.

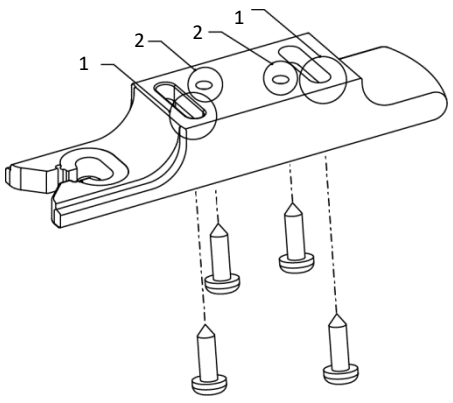
The illustration shows the indented standard version of the Sottezza II (with fixing slider and socket head cap screws) for side glazing elements. In the case of the non-indented version of the Sottezza II, the sealing point is on the opposite side of the roof support.

When using filister-head self-tapping screws, these must also be sealed either by applying the sealant directly to the thread or into the drill hole in the roof support.



Screwing the filister-head self-tapping screws into place

If the brackets are installed with filister-head self-tapping screws, each of the headplate brackets must be fixed in place with 4 screws. The two screws in the long slots **1** must be tightened before drilling the other two holes in the roof support. Finally, the two screws on the inside **2** are screwed into place in the roof support.



4.2.3 Installing the cassette

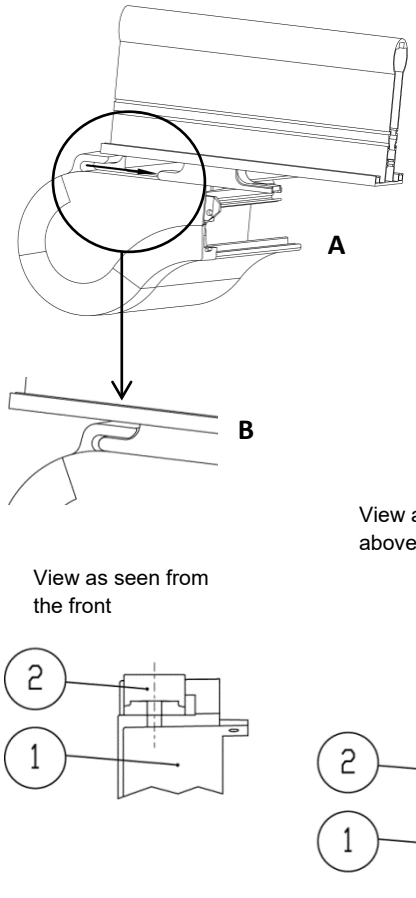
The protective film over the weinor logo on the bottom part of the cassette must be removed on site.

1. Attaching the cassette

CAUTION:
There is a risk that fingers may become trapped when attaching/removing the cassette.

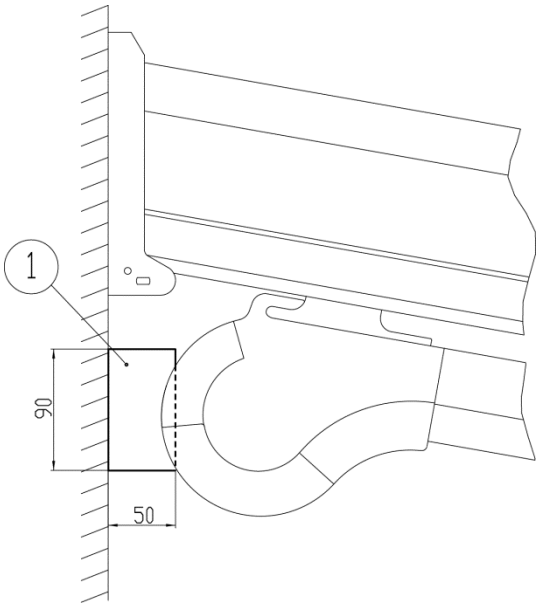
- Attach the cassette to the headplate brackets from the back **(detail A).**
- Check that the headplates sit securely in the headplate brackets **(detail B).**

Note:
The outside distance between the headplate brackets and the outer edge of the headplate (outer edge of the cassette) should be 3 mm. The groove of the headplate **(1)** should lie on top of the groove of the headplate bracket **(2)**.



2. Inserting the foam block

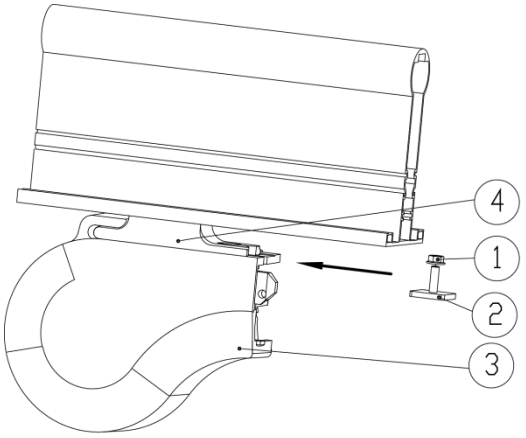
- Insert the 90x50x40 mm foam blocks provided **(1)** between the wall and the cassette as protection. The 40 mm side will not fit securely in the gap and therefore should not be used.



3. **Fastening the cassette to the headplate brackets**

1. Screw the M6 flange nut with ratchet **(1)** loosely onto the 28x28x4 mm slider **(2)**.
2. Insert the 28x28x4 mm slider **(2)** with M6 flange nuts with ratchet **(1)** on both sides into the headplate **(3)** with headplate bracket **(4)**.

Note:
It may be necessary to move the cassette sideways so that the sliders fit into the designated openings on the headplate

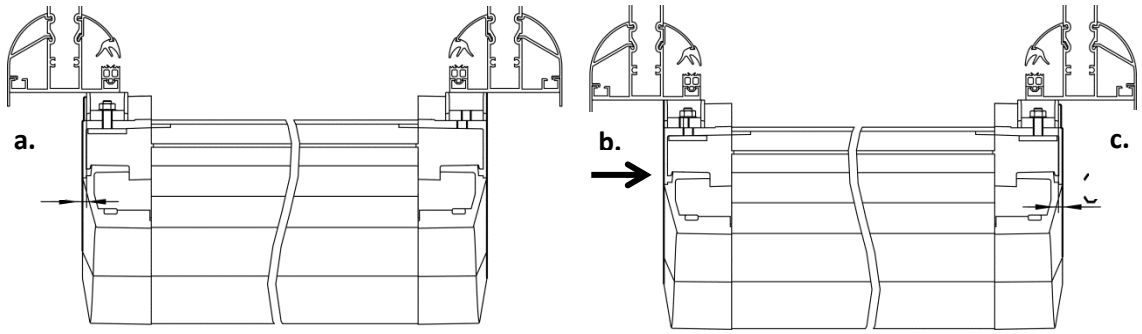


3. Align the cassette so that it is parallel to the wall and tighten the screw connections with a WS 10 open-end spanner. Maximum torque 10 Nm.

CAUTION:
Make sure that the cassette is aligned precisely with the wall and with any adjacent components at the sides!

Note:
A long WS 10 open-end spanner is required on site in order to reach the flange nuts in the headplate brackets when the side channels are installed (e.g. for aligning when taut).

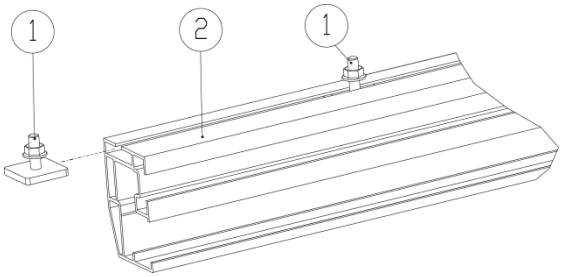
a. First, the left side of the unit (if necessary, e.g. if holders are not positioned precisely) is aligned so that the headplate bracket **(4)** is 3 mm away from the outer edge of the cassette.
b. The unit is then moved to the left or right,
c. until the 28x28x4 mm slider **(2)** can also be inserted in the headplate **(3)** with the headplate bracket **(4)**. The position of the cassette is then determined.



4.2.4 Installing the side channels

1. Preparing side channels

1. Insert the 28x28x4 mm sliders and M6 flange nuts with ratchet **(1)** into the upper groove on the side channel **(2)** according to the number of side channel brackets.
2. Tighten the connections gently by hand above the later position of the side channel brackets so that the components do not slide about.



2. Extending the projection profile slightly

No radio:
Connect the unit to a motor adjustment cable with the Hirschmann plug and extend the projection profile approx. 30 cm.

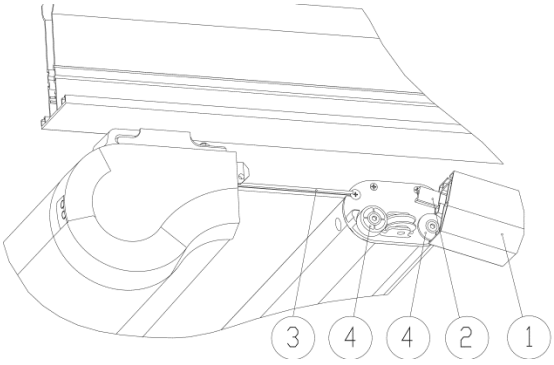
With radio:
Connect the unit to the power supply voltage with the Hirschmann plug and extend the projection profile approx. 30 cm.

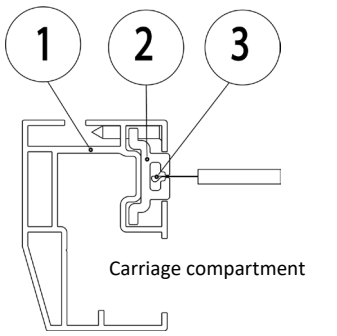
The power supply voltage must then be disconnected again.

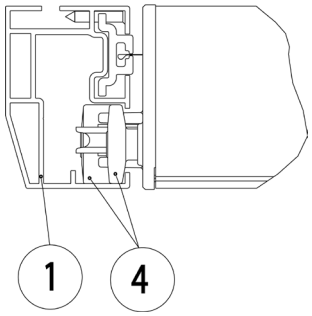
3a. Using side channels for units with OptiStretch

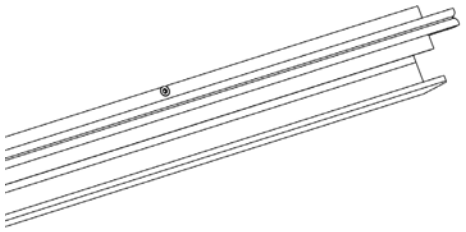
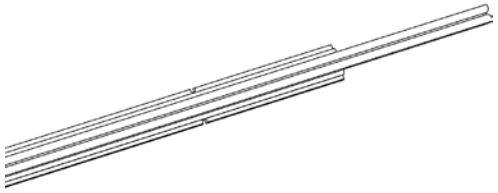
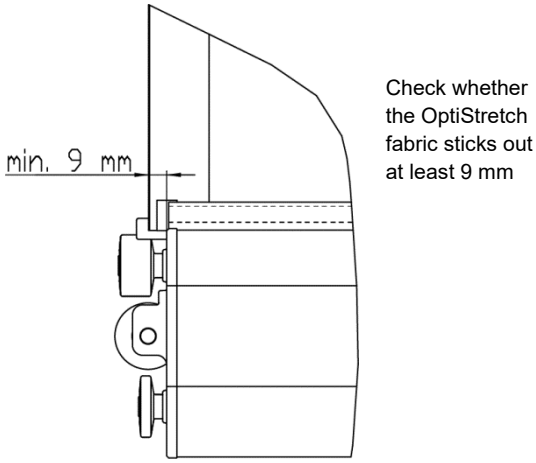
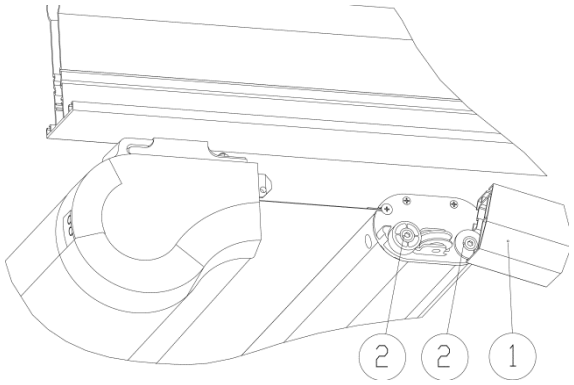
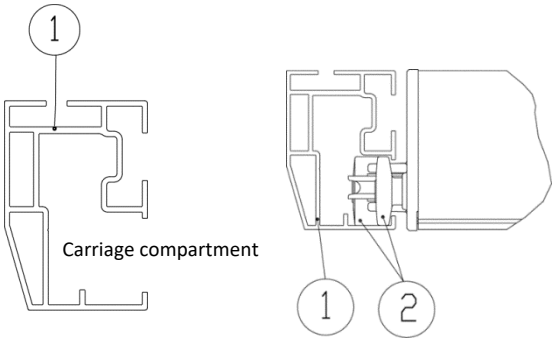
1. The fabric guide profile **(2)** is positioned with the notched side facing the cassette.
2. The tensioning rope must be in the side channel.
3. Place the side channel with the fabric guide profile **(1+2)** – angled, from below, with the carriage compartment – onto the rollers **(4)** of the carriage.
4. Guide the side channel with the fabric guide profile **(1+2)** over the rollers **(4)** of the carriage so that the zip **(3)** can be inserted into the gap in the fabric guide profile **(2)**.

Note: see next page.



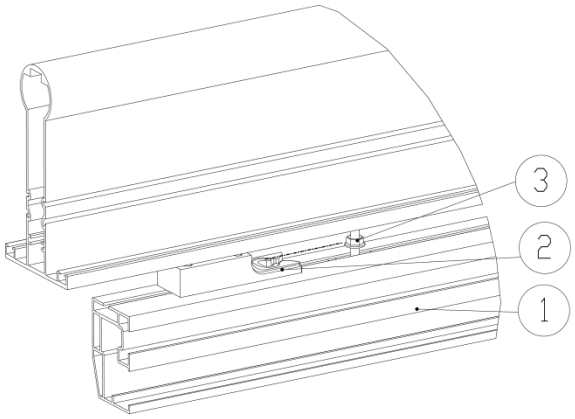




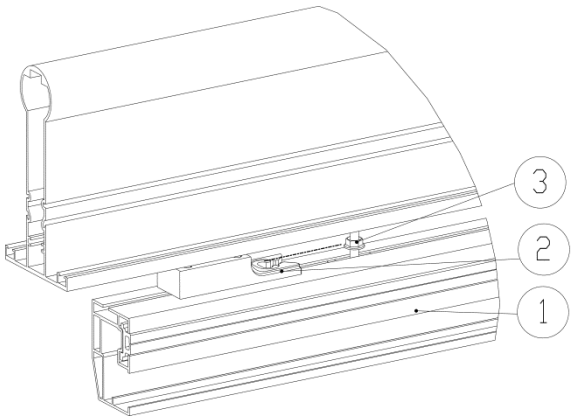
	Note: • Notched side of the fabric guide profile always faces towards the cassette. • Check that the OptiStretch fabric sticks out at least 9 mm on the projection profile. **CAUTION:** The fabric must not become dirty.	   Check whether the OptiStretch fabric sticks out at least 9 mm
3b.	**Using side channels for units with Stretch** 1. In the case of Stretch units, place the side channel **(1)** – angled, from below, with the carriage compartment – onto the rollers **(2)** of the carriage. 2. Guide the side channel **(1)** over the rollers **(2)** of the carriage so that they sit correctly in the carriage compartment. **CAUTION:** The fabric must not become dirty.	 

4. **Fastening the side channels in place**

1. Guide the side channel **(1)** to the side channel bracket(s) **(2)**.
2. Loosen the 28x28x4 mm slider and M6 flange nut with ratchet **(3)**, which is screwed loosely onto the side channel **(1)**, and insert into the side channel bracket(s) **(2)** from the front.
3. Push the side channel up as far as the headplate.
4. Only tighten the side channel bracket screw connections gently to begin with.



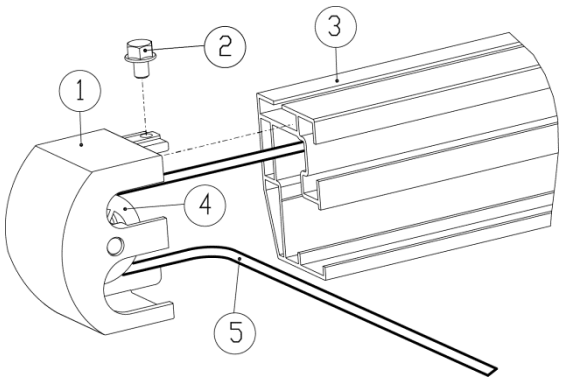
Unit with Stretch

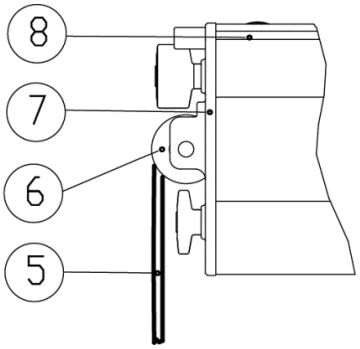


Unit with OptiStretch

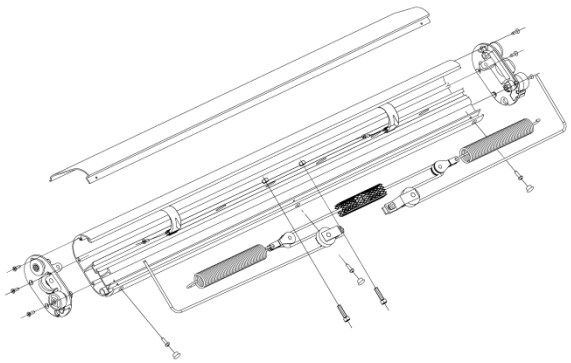
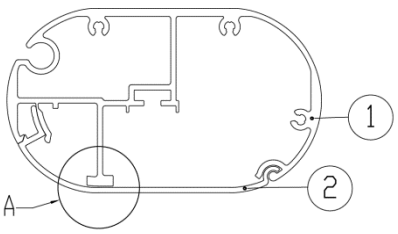
5. **Inserting the tensioning rope into the side channel on pre-tensioned units**

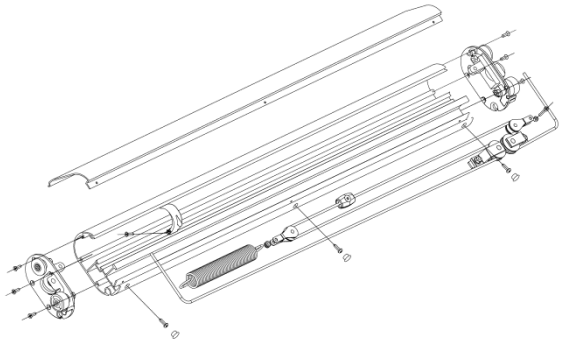
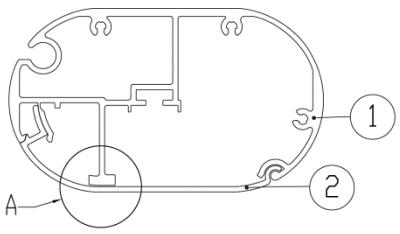
1. The tensioning rope **(5)** is pre-mounted with the D39 mm pulley block **(4)** of the end cap **(1)**.
2. Loosen the cable tie on the end cap **(5)**.
3. Attach the end cap **(1)** with the tensioning rope **(5)** to the front side of the side channel **(3)** and lay the tensioning rope **(5)** in the side channel **(3)** so that it is not twisted and it runs all the way round.
4. Screw in place with an M6 flange screw without ratchet **(2)** using a WS 10 open-end spanner.
5. The tensioning rope **(5)** must sit correctly in the D33 pulley block **(6)** of the carriage **(7)** in the projection profile **(8)**.





4.2.5	Tensioning rope	
1.	**Opening the projection profile** 1. Remove the 4.2x16 filister-head self-tapping screws from the projection profile. ***Note:*** There are recesses on the sides of the carriage which can be used to lever out the projection profile cover. When levering out the cover, take care to ensure that the powder coating is not damaged. 2. Remove the projection profile cover and place it down carefully to prevent it being scratched.	
2.	**Projection profile with tensioning rope on pre-tensioned units** ***Note:*** The springs in the projection profile are pre-tensioned with a green cable tie. 1. Check the running of the tensioning rope throughout the entire unit. 2. Check the running of the tensioning rope on the pulley blocks of the end caps.	

3a.	**Handling the tensioning rope on a pre-tensioned unit with two tension springs** 1. The two ends of the rope are connected with a rope clamp with braided sleeving. Pull the tensioning rope taut by loosening the rope clamp slightly and tightening it again with a WS 4 allen key, if the springs are tensioned slightly with the green cable tie. The rope clamp must be in the centre of the projection profile at the marker point. 2. The tensioning positions to which the springs are pre-tensioned are indicated with marker points in the projection profile and information regarding tensioning is provided on the sticker in the projection profile cover. 3. Cut off excess tensioning rope at the ends, 1.5 m from the rope clamp. 4. Slide the braided sleeving over the rope clamp. 5. Use the overhanging tensioning rope ends to tie a knot before and after the rope clamp and wind the tensioning rope ends into loops. These should not be longer than 30 cm and are fixed to the tensioned rope centrally over the rope clamp on the right and left using the red cable ties supplied in the projection profile. 6. Cut through the green cable tie using side cutters and remove the remnants. **CAUTION**: The unit is now tensioned! The running of the tensioning rope must be checked beforehand. ***Note:*** The tensioning rope should not get stuck between the projection profile **(1)** and the projection profile cover **(2) (detail A).**	   Tensioning rope fixed with cable ties 

3b.	**Handling the tensioning rope on a pre-tensioned unit with one tension spring** 1. The two ends of the rope are connected with a rope clamp with braided sleeving. Pull the tensioning rope taut by loosening the rope clamp slightly and tightening it again with a WS 4 allen key, if the springs are tensioned slightly with the green cable tie. 2. The tensioning position to which the spring is pre-tensioned is indicated with a marker point in the projection profile and information regarding tensioning is provided on the sticker in the projection profile cover. 3. Cut off excess tensioning rope at the ends, 0.5 m from the rope clamp. 4. Use the overhanging tensioning rope ends to tie a knot before and after the rope clamp and wind the tensioning rope ends into loops. These should not be longer than 15 cm and are fixed to the tensioned rope between the rope clamp and the spring using the red cable ties supplied in the projection profile. 5. Cut through the green cable tie using side cutters and remove the remnants. **CAUTION**: The unit is now tensioned! The running of the tensioning rope must be checked. ***Note:*** The tensioning rope should not get stuck between the projection profile **(1)** and the projection profile cover **(2) (detail A).**	  Tensioning rope fixed with cable ties 

5 Aligning the unit

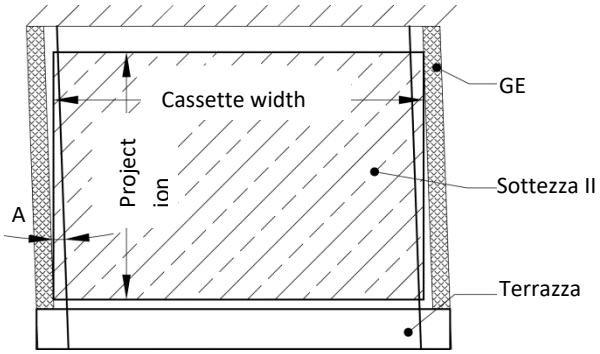
Check the alignment of the side channels in relation to the unit, the roof supports and adjacent components. The side channels must be parallel and the diagonals must match. In the case of a free-standing patio roof, it is also important to check that it is square.

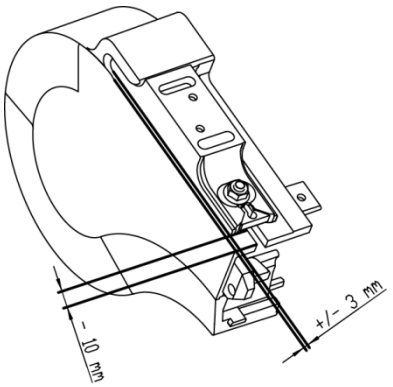
Angled adjustment

- The unit can be adjusted at an angle to the roof supports by combining longitudinal and transverse adjustments.
- Angled adjustment of the unit is necessary in order to compensate for a lack of squareness between the roof supports and the wall bracket.

CAUTION:

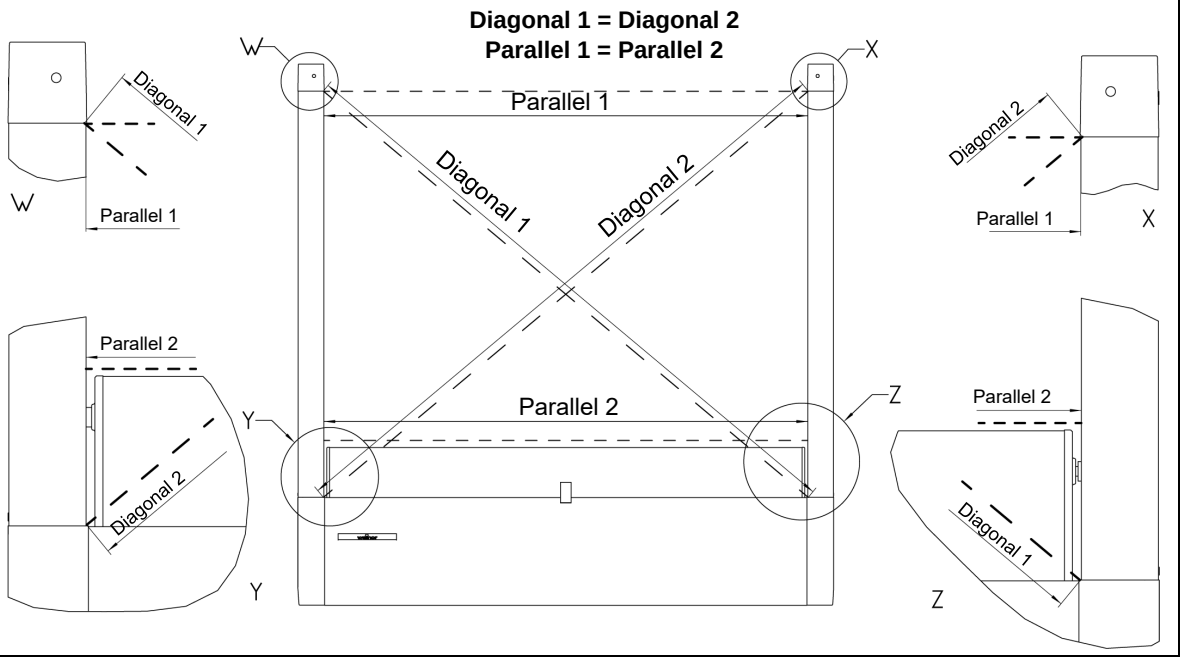
The unit can be adjusted in the brackets by 10 mm in the longitudinal direction towards the wall bracket and +/- 3 mm in the transverse direction in relation to the wall bracket. The bracket must not protrude out of the headplate to the side or the front; otherwise, there is a risk that the cassette will fall.





Parallels and diagonals

- Retracting the system.
- Checking the installation dimensions: measure the parallels and diagonals on the side channels (right and left at the same place).
- **Permissible deviation for parallels: 3 mm**
- **Permissible deviation for diagonals: Diagonal ≤ 4,000 mm, 3 mm**
  Diagonal > 4,000 mm, 5 mm

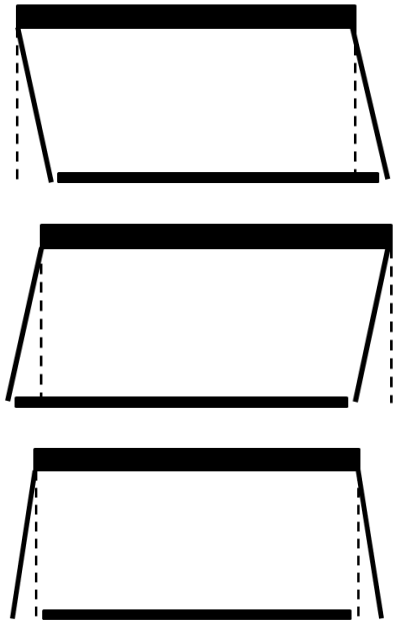


5.1 Possible incorrect positions of the Sottezza II

1. **Side channels are too far to the right or left:**

Remedy:

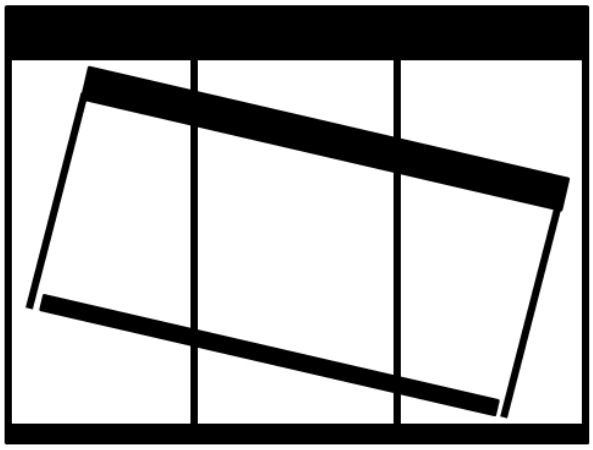
- Remove the covers for the side channel brackets
- Loosen the flange nut in the side channel brackets
- Realign the side channels
- Tighten the flange nut
- Refit the bracket covers

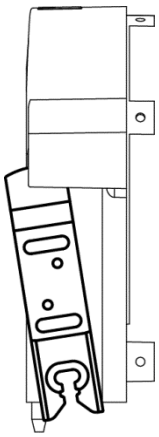


2. **The entire unit is crooked in relation to the patio roof**

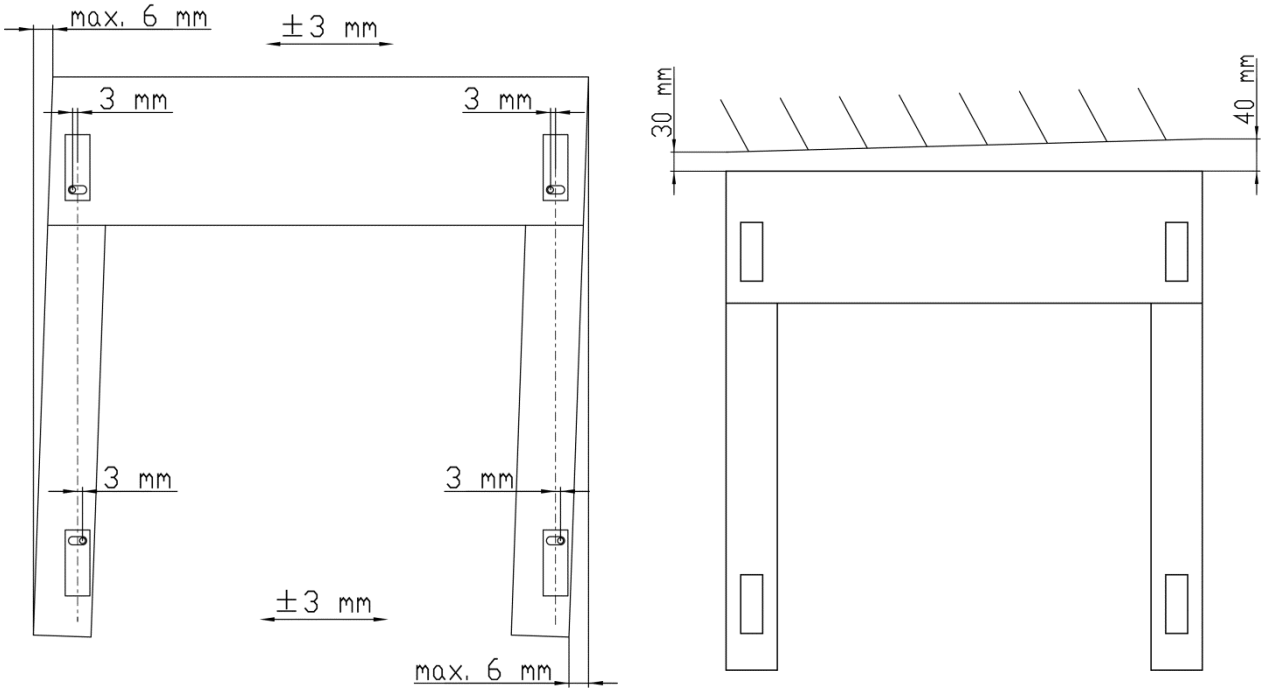
Remedy:

- Remove all bracket covers
- Loosen the flange nut in the brackets
- Realign the cassette and the side channels
- The headplate brackets must not protrude out of the headplate to the front or the side during the adjustment (see lower image)
- Tighten the flange nut
- Refit the bracket covers



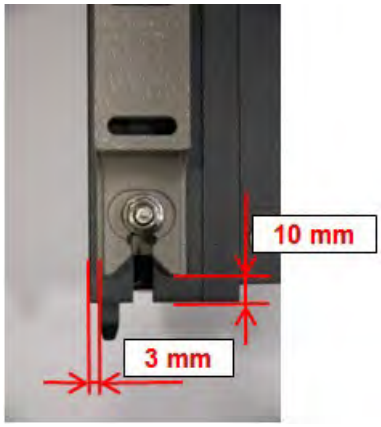


Alignment options for the unit:



5.1 Slideability oft he cassette in the bracket headplate

Standard position



Lengthwise mobility to cassette axis

Mobility in direction of retraction

6 Functional check

6.1 Safety instructions

DANGER

Physical injury

Performing functional checks is not without its risks. The following steps must be taken:

- **When opening the conservatory awning for the first time, its working range and the area below it must be kept clear.**
- **A visual inspection of the fixing material must be performed after the system has been opened for the first time.**
- **When carrying out test runs, never use automatic system controls or switches if the conservatory awning is not in the operator's line of vision (danger of awning starting unintentionally).**
- **We recommend that you connect a test cable to the motor input.**
  The installation and adjustment instructions supplied by the manufacturer of the motor, switches and controls must be observed.
- **Check the direction of rotation on the motor if connecting to automatic system controls (e.g. the conservatory awning must retract in windy conditions).**
- **Avoid wearing ear protection or headphones during the installation process to ensure that you can hear when the unit is moving and keep out of the danger zone.**
- **Beware of injury zones between the projection profile and the cassette, between the projection profile and the guttering/crossbeam, between the projection profile and the permanent roof vent on the carriage rollers and between the side channel and the headplate (use lock bolts).**
- **The end position has not been set yet. Do not extend too far to avoid causing damage to the fabric.**

6.2 Checking the functions of the unit

- The motor switch-on time has been designed for 4 minutes. If this time is exceeded, the internal thermo protector will switch off the motor. Depending on the outside temperature, the motor can be operated again after 10 – 15 minutes.
- The running of the tensioning rope throughout the entire unit must be checked before moving for the first time.
- The test run is a mandatory criterion for the functional check!

Extend and retract the unit at least twice. As you do this, check the following:

- The fabric tension when the awning is open.
- Fabric condition: the fabric should be as smooth and crease-free as possible.
- Noise when moving: there should be no grinding, creaking or rattling.
- Position when opened and retracted.
- That the unit closes properly.
- Check tensioning rope.

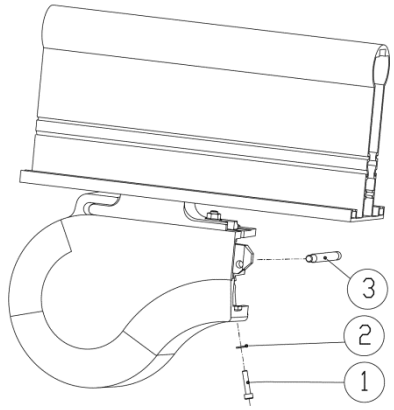
6.2.1 Opening the cassette and test run

The system is tensioned!

1. Opening the cassette

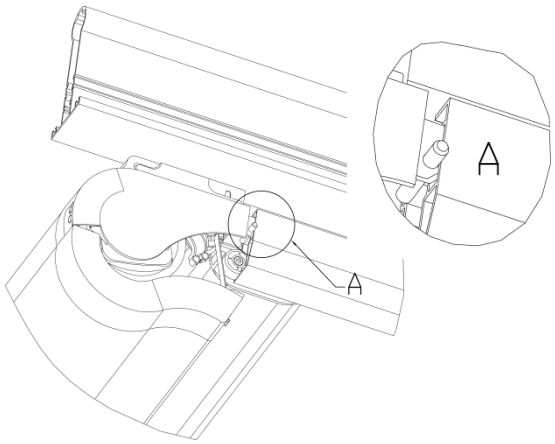
Note:
Installation should be carried out by two people, one side at a time.

1. Loosen the M6 flange nut with ratchet in the side channel brackets.
2. One technician pulls the tensioning rope out of the lower side channel compartment and pulls it towards the end cap.
3. At this point, the second technician pulls the side channel away from the headplate so that the lug with the drill hole on the headplate becomes visible.
4. The lock bolt **(3)** can now be inserted into the lug with the drill hole on the headplate from inside (left and right side of the unit).



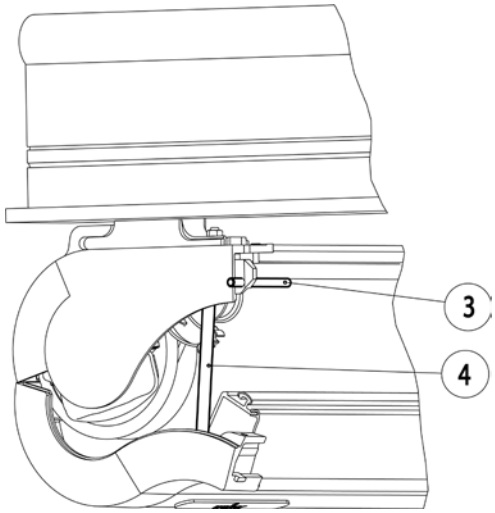
Note:
The lock bolt has a step in it to prevent it being inserted too far into the drill hole.

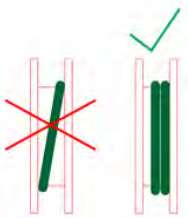
5. The side channel can be moved back towards the headplate and is therefore up to the arrester with the lock bolt **(detail A)**.
6. Loosen the M4 hexagon socket head cap screw **(1)** with M4 washer **(2)** on the lower part of the headplate and carefully open the cassette.



Note:
The bottom of the cassette is limited in its opening angle by belt straps **(4)**. Exerting excessive force on the bottom of the cassette can damage the belt straps **(4)**.

7. Check that the tensioning rope sits securely on the rope drums. The first two securing coils on the insides of the rope drum must lie parallel to one another.
8. Check the positioning of the tensioning rope on the headplates' pulley blocks (D39). The tensioning rope must be positioned precisely on the pulley block.





2. **Test run**

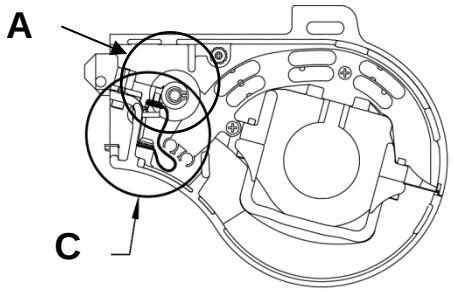
1. Connect the motor adjustment cable to the electric conductor of the test run cable.
2. The test run must be carried out with the bottom of the cassette open and the projection profile open. The lock bolt must be left in the headplate's drilled hole.

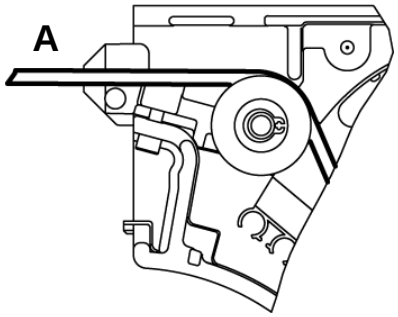
CAUTION:
When extending the system, it may be moved to the end of the side channels. To avoid any product damage, keep a distance of 30 cm from the cassette **when retracting it**.

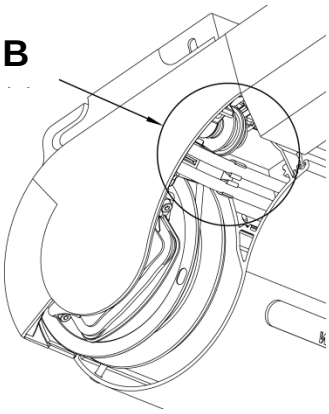
3. Carry out the test run by sliding the system to the end of the side channels.
4. Check the running behaviour and make sure that it is uniform. The system must not jerk.
5. Check the tensioning rope and its winding behaviour on the headplates' pulley blocks (D39) again **(Detail A)** (see point 8.).
6. Check the rotation of the D39 pulley block in the headplate.
7. The fabric guide on OptiStretch systems must be checked. The OptiStretch fabric must pass through the fabric guide profile evenly and without jerking.
8. The fabric position must be checked.
9. Check whether the cables are sitting correctly in the cable holder and the cable tie is secure **(detail B).**
10. Retract the system up to 30 cm in front of the cassette.

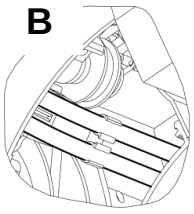
Note:
Optional: If errors occur, please consult the fault analysis section.

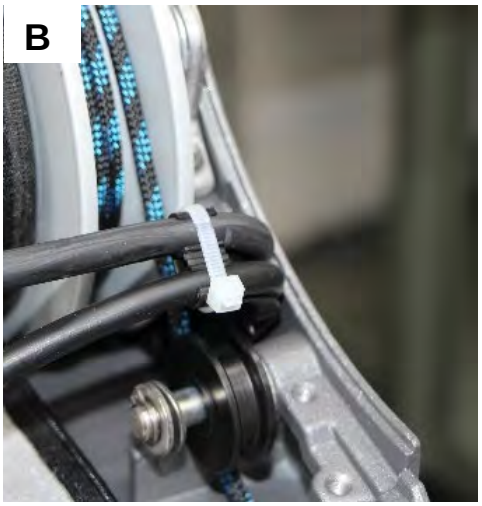
11. Fold up the bottom of the cassette when everything is working properly and make sure that the straps are placed towards the back in the headplates **(Detail C).**
12. Use a socket spanner to screw the two parts of the headplate together with the M4 socket head cap screw.

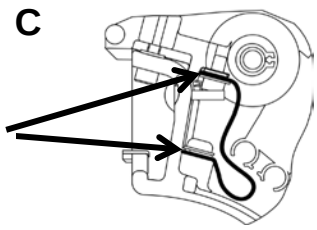












Note:
As the unit is tensioned, it may be helpful to pull the side channel away from the headplate slightly in order to reduce the tension on the lock bolts.

13. The lock bolts can now be removed and placed in the lock bolt attachment provided. This can now be placed in the front part of the cassette **(see photos).**

CAUTION:
Once the lock bolt has been removed, the tension will cause the side channel to slide onto the retainer in the headplate. Do not let it slam!

14. The test run cable can now be unplugged.

CAUTION:
Fit the LED top profile, if it is missing, before retracting the unit all the way in.

15. The system must be aligned (see "Slideability of the cassette in the bracket headplate" section).
16. Tighten the screws on the side channel brackets using an open-end spanner (maximum torque 10 Nm).
17. Connect the bracket cover **(1)** to the bracket cover connector **(2) (detail C).**

Note:
The bottom edges of both components must be flush with one another.

18. Fit the bracket covers to the brackets.
19. Place the projection profile cover into the rotational groove of the projection profile, wind up the cover until it latches into place along the entire length and screw in place with the 4.2x16 filister-head self-tapping screws.

Note:
The tensioning rope should not get stuck between the projection profile **(1)** and the projection profile cover **(2) (detail D).**

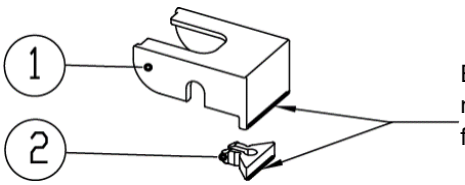
20. Insert the 10x6.7 mm cover plugs into the drill holes on the projection profile cover.

Insert the lock bolt into the top edge of the retainer compartment of the cassette.

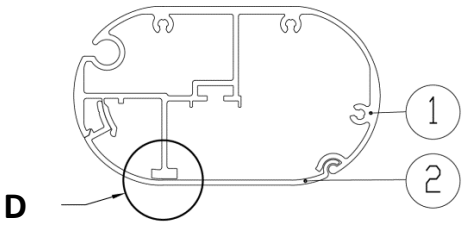
And press behind the edge of the profiling at the bottom.

Attachment provided for the lock bolts

C



Edges must be flush



D

7 Installing the distance ropes

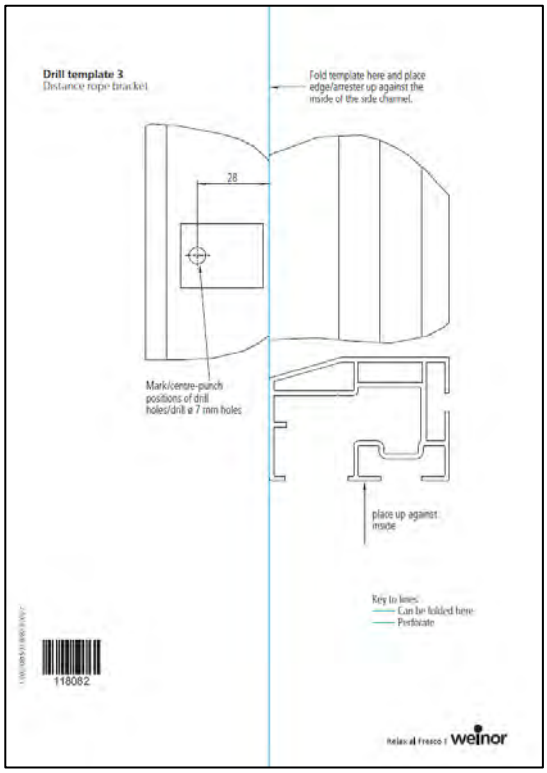
Distance ropes are used for Stretch units above a certain width and projection.

The distance ropes should always be installed at the point of the largest fabric sag. If possible, they should be close to a side channel bracket. This prevents the side channels being overstretched and deformed when the distance ropes are tensioned.
When several distance ropes are used on one unit, they are distributed evenly over the projection around the point of maximum fabric sag.

1. **Drill template 3** (distance rope brackets)

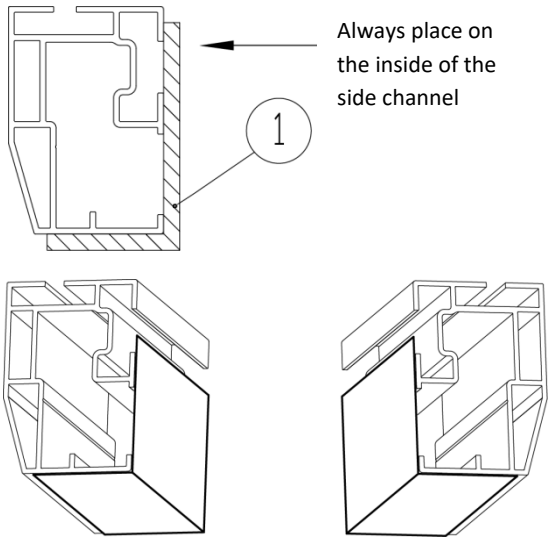
- If "drill template 3" (distance rope brackets) is missing, there is a template which can be cut out on page 57.
- "Drill template 3" (distance rope brackets) is designed for use on both the left and right side of the unit if folded accordingly.

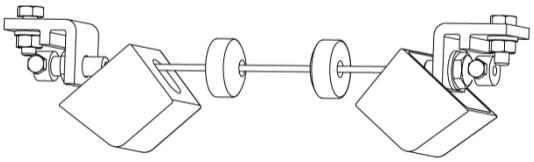
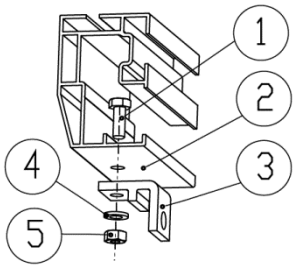
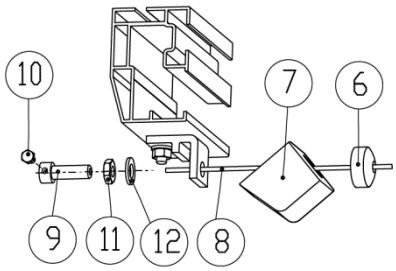
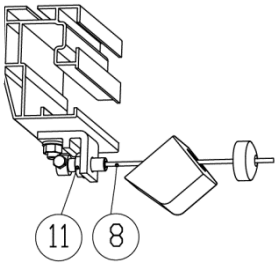
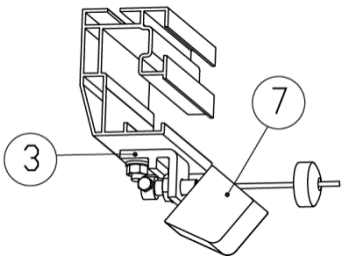
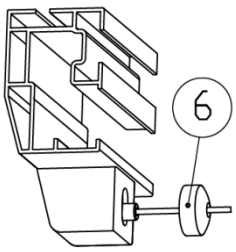
CAUTION:
"Drill template 3" (distance rope brackets) is not suitable for third-party roofs.



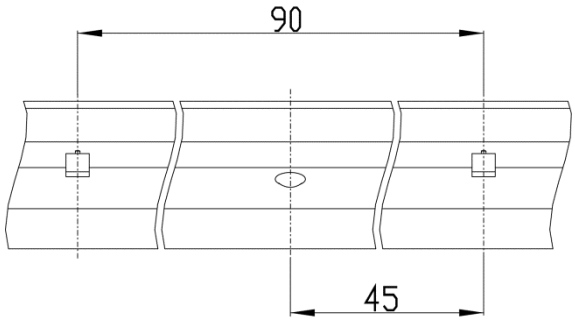
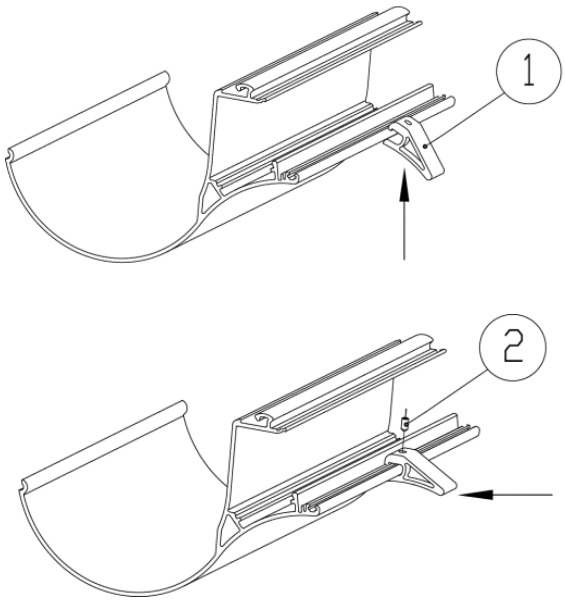
2. **Using the drill template to drill holes for the distance rope brackets**

1. The drill hole positions for the distance rope brackets can be marked using the supplied "drill template 3" (distance rope brackets).
2. The "drill template 3" (distance rope brackets) must be placed on the inside of the side channel.
3. Mark the corresponding drill hole position for the distance ropes on the bottom side of the side channel, then punch and drill the hole with a 7 mm drill bit.
4. Remove accumulated drilling chips from the side channels as these can obstruct the movement of the unit.
8. Mark the drill hole positions of the other (in the case of a large projection) distance rope brackets so that they are distributed symmetrically in relation to the other brackets.



3.	**Installing the distance rope bracket fixings** 1. Insert M6 hex socket head screw **(1)** into the side channel **(2)** so that the thread of the screw points downwards through the drilled hole **(step A)**. 2. Attach the distance rope bracket angle **(3)** with 6.4 washer **(4)** and M6 nut **(5)** to the protruding M6 hex socket head screw **(1)** and screw in place (**step A)**. ***Note:*** Use a stop bracket to make sure that the distance rope bracket angle is square with the side channel. 3. Thread the distance rope **(8)** through the distance rope cover nut **(6)**, followed by the distance rope bracket cover **(7)**, and secure both parts against slipping down using a 2.3 mm cable clamp, for example, around 10 cm from the end of the distance rope **(step B).** 4. Guide the end of the distance rope through the hole in the distance rope bracket angle **(3)** and screw in place with an M4 hex socket head screw **(10)** using the rope tensioner **(9)**. At the same time, place the M8 hexagonal nut **(11)** and 8.4 washer **(12)** onto the rope tensioner **(9)** and screw in place **(step B).** 5. Repeat the same process on the other side. 6. Pre-tension the distance rope **(8)**. **CAUTION:** Do not tension the distance rope too much as this will deform the side channel! 7. Tension the distance rope **(8)** with both M8 hexagonal nuts **(11) (step C).** 8. Cut off excess distance rope **(8)** at the rope tensioner **(9)** using side cutters **(step C)**, leaving around 2 cm on each side. 9. Fold the distance rope bracket cover **(7)** over the distance rope bracket angle **(3) (step D)** and screw in place with the distance rope cover nut **(6) (step E).**	 Step A  Step B  Step C  Step D  Step E 

8 Installing retracting cams

	Retracting cams are supplied above a certain unit width. They make sure that, instead of hitting the bottom part of the cassette when bowing under a significant load, the projection profile can move along it correctly and into the cassette.	
1.	**Positioning** • If a retracting cam is used, it is positioned in the centre of the cassette. • The second retracting cam is only supplied for units with an odd number of LED spotlights. In this case, the retracting cams are each positioned 45 cm away from the centre of the cassette.	
2.	**Fixing** 1. Place the retracting cam **(1)** on the bottom of the cassette with the open side towards the cassette and the projection facing down. 2. Push gently in the direction of the cassette until you hear the retracting cam **(1)** click into place. 3. Screw the M4 grub screw **(2)** into the designated hole using an offset WS 2 allen key, thus fixing the retracting cam **(1)** in place.	

9 Special installation cases

9.1 Installation with base plates or fixing plates

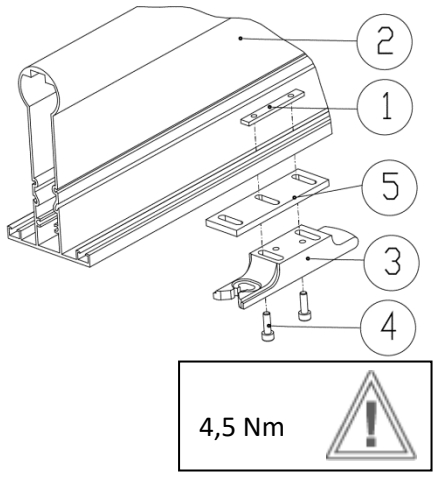
In some cases, it may be necessary to install the unit with base plates or fixing plates.

A **100x30x5 mm base plate for an offset**

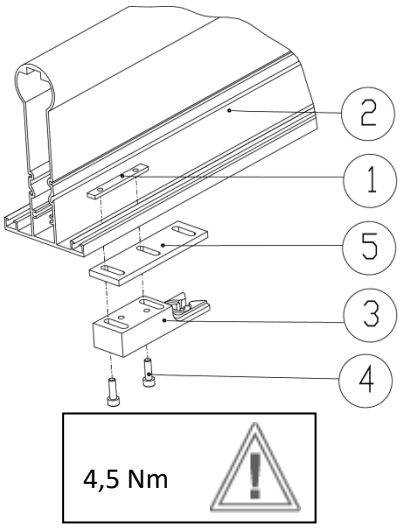
CAUTION:
It is important to determine the precise positions required for the fixings on site. The spacing between the unit and the wall must still be at least 40 mm.

1. Measure the drill hole positions accordingly and drill holes in the roof support.
2. Place the 60x8x3 mm fixing slider **(1)** on top of the two drill holes in the roof support **(2)**, hold the 100x30x5 mm base plate **(5)** and headplate/side channel bracket **(3)** in place on the roof support **(2)** from below and screw in place with the two M5 hexagon socket head cap screws **(4)**.
3. If necessary, the headplate/side channel bracket **(3)** can be aligned before it is screwed into place.
4. For the rest of the installation sequence

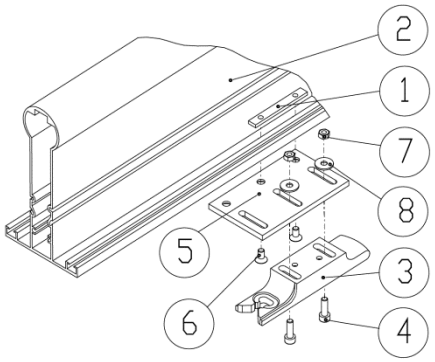
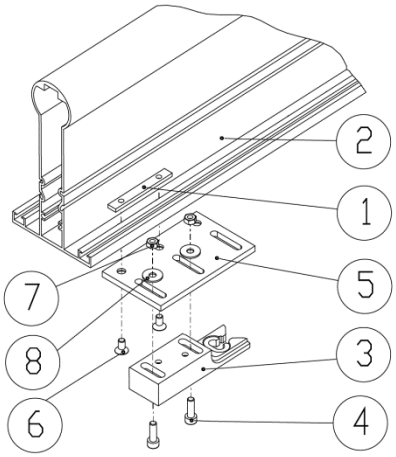
Note:
The base plate must always be installed flush with the headplate/side channel bracket.

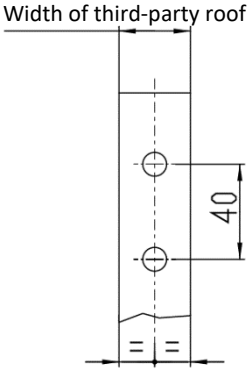
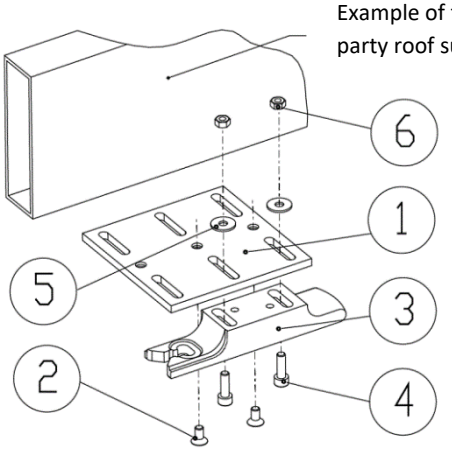
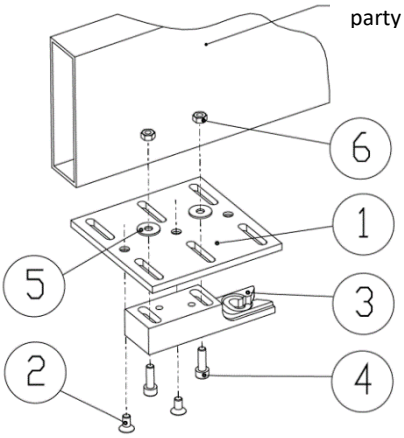
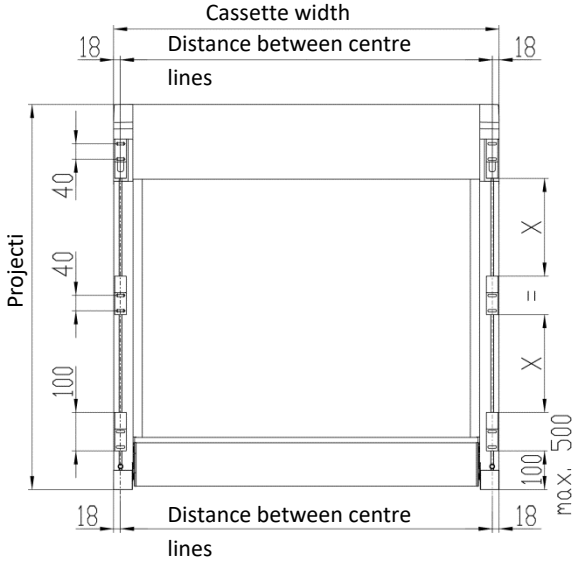


Base plate with headplate bracket



Base plate with side channel bracket

B	**100x60x5 mm fixing plate for an offset** **CAUTION:** It is important to determine the precise positions required for the fixings on site. The spacing between the unit and the wall must still be at least 40 mm. 1. Measure the drill hole positions accordingly and drill holes in the roof support. 2. Place the 60x8x3 mm fixing slider **(1)** on top of the two drill holes in the roof support **(2)** and screw the 100x60x5 mm fixing plate **(5)** in place with the two M5 hexagon socket head cap screws **(6)**. 3. Hold the headplate/side channel bracket **(3)** in place on the 100x60x5 mm fixing plate **(5)** from below and screw in place with the two M5 hexagon socket head cap screws **(4)**, 5.3 washers **(8)** and M5 hexagonal nuts **(7)**. 4. If necessary, the headplate/side channel bracket **(3)** can be aligned before it is screwed into place. 5. Repeat the process on the other side of the unit if a 100x60x5 mm fixing plate is required on this side as well. 6. For the rest of the installation sequence	 4,5 Nm Base plate with headplate bracket  4,5 Nm Base plate with side channel bracket

C	**100x100x5 mm fixing plate for a third-party roof** **CAUTION:** The drill template cannot be used with a third-party roof support. It is important to determine the precise positions required for the fixings on site. The spacing between the unit and the wall must still be at least 40 mm. 1. In the case of a third-party roof support, the drill hole position for the headplate/side channel brackets **(3)** is marked on the bottom side of the roof support in the centre and with a spacing of 40 mm, then the hole is punched and drilled with a drill bit selected on site. 2. Screw the 100x100x5 mm fixing plate **(1)** to the third-party roof support with two screws **(2)** appropriate for the conditions on site. 3. Hold the headplate/side channel bracket **(3)** in place on the 100x100x5 mm fixing plate **(1)** from below and screw in place with the two M5 hexagon socket head cap screws **(4)**, 5.3 washers **(5)** and M5 hexagonal nuts **(6)**. 4. If necessary, the headplate/side channel bracket **(3)** can be aligned before it is screwed into place. 5. Repeat the process on the other side of the unit if a 100x100x5 mm fixing plate is required on this side as well. 6. For the rest of the installation sequence Width of third-party roof support  Drill hole position on the roof support	Example of third-party roof support  4,5 Nm Base plate with headplate bracket Example of third-party roof support  4,5 Nm Base plate with side channel bracket Cassette width 

9.2 Installing the unit at a distance from the roof supports

If elements such as lighting, continuous fans or roof-lights are installed in a patio roof, it may be necessary to install the unit further away from the roof.

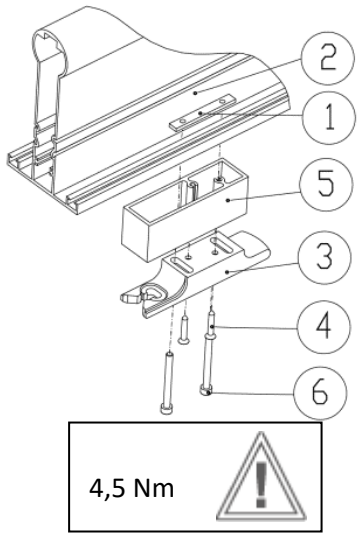
Installing 100x30x35 mm rectangular profile

CAUTION:
The drill template cannot be used in conjunction with the 100x3x35 mm rectangular profile **(5)**. It is important to determine the precise spacing required between the fixings and the wall/guttering on site. The spacing of the drill holes and the distance to the outer edge of the roof support remain the same. The spacing between the unit and the wall must still be at least 40 mm.

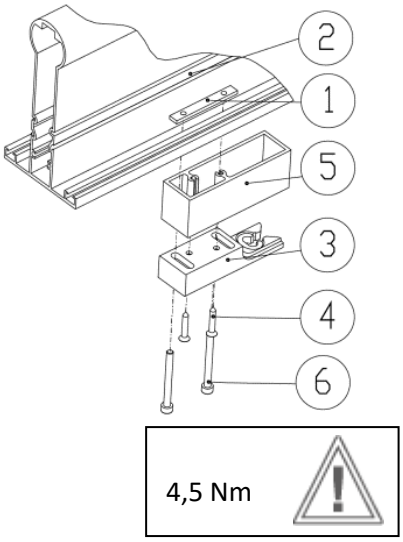
1. Mark the drill hole position for the headplate/side channel brackets **(3)** on the bottom side of the roof support, then punch and drill the hole.
2. Place the 60x8x3 mm fixing slider **(1)** on top of the two drill holes in the roof support **(2)**.
3. Fasten the 100x30x35 mm rectangular profile **(5)** to all headplate/side channel brackets present **(3)** using two 4.2x25 hexagon countersunk self-tapping screws **(4)**.
4. The headplate/side channel bracket **(3)** which has been extended with the 100x30x35 mm rectangular profile **(5)** is then screwed to the roof support **(2)**. Note the screw length **(6)**.

Note:
M5x50 hexagon socket head cap screws **(6)** are to be used in conjunction with a weinor patio roof.

5. Repeat the process on the other side of the unit.
6. For the rest of the installation sequence



Rectangular profile with headplate bracket



Rectangular profile with side channel bracket

9.3 Installation in a niche

The Sottezza II requires niche angle brackets if the patio roof is in a niche and it is not possible to fasten the Sottezza II attachments to a roof support.

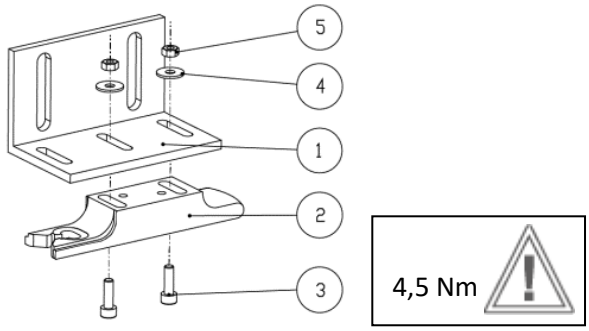
Fixing niche angle brackets in place

CAUTION:
Only fixings which are adapted to the local structural conditions and comply with the valid building regulations may be used to fix the niche angle brackets in place.

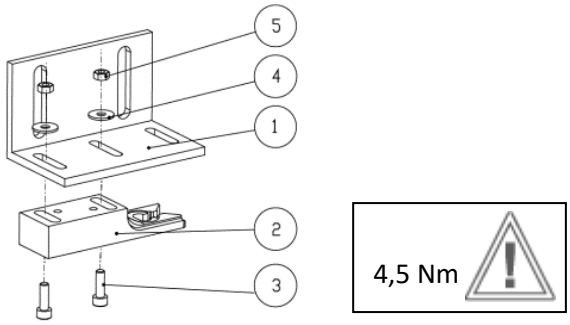
1. Using appropriate fixings for the structural conditions, fix the 60x60x5 mm niche angle bracket **(1)** in the position in which the headplate/side channel bracket **(2)** is also to be located.

Note:
The roof pitch must be taken into account.

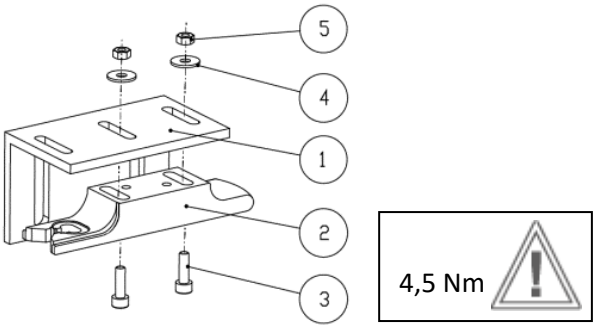
2. The 60x60x5 mm niche angle bracket **(1)** on the opposite side of the unit must be in line with and at the same height as the first niche angle bracket.
3. Fasten the headplate/side channel bracket **(2)** to the niche angle bracket using two M5 hexagon socket head cap screws **(3)**, two 5.3 washers **(4)** and two M5 hexagonal nuts **(5)**.
4. For the rest of the installation sequence



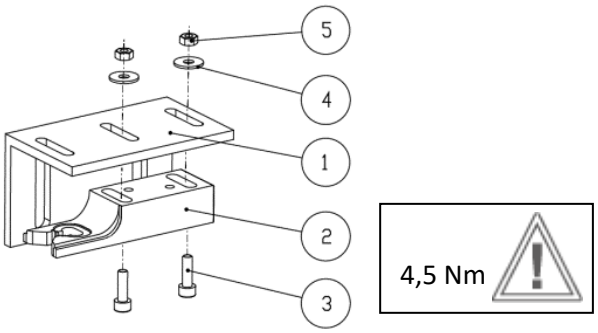
Top niche angle bracket with headplate bracket



Top niche angle bracket with side channel bracket

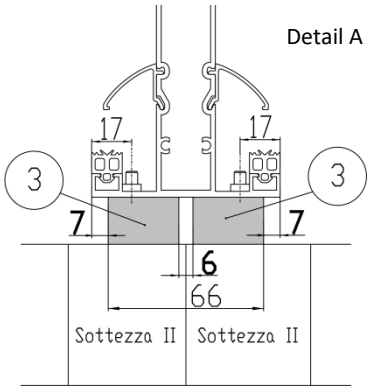
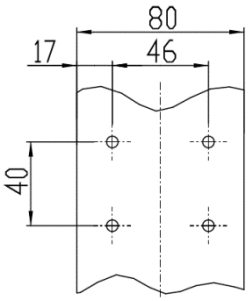
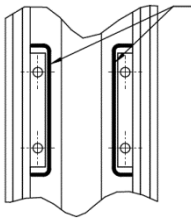


Bottom niche angle bracket with headplate bracket



Bottom niche angle bracket with side channel bracket

10 Installation as multi-section unit

	The Sottezza II is not coupled – i.e. it is not connected with corresponding components.	
1.	**Installing the first unit** ***Note:*** Measure the units and determine the installation position for each panel. • The first unit is installed as described in the corresponding points in Section “installation”.	
2.	**Installing the second unit** **CAUTION:** The headplate/side channel bracket **(3)** on the adjacent unit is to be installed at a distance of 6 mm from the headplate/side channel bracket **(3)** on the first unit **(detail A).** • After this, the second unit is installed as described in the corresponding points in Section “installation”. However, the drilling pattern is different **(detail B)**. • After installation, the spacing of the two units at the headplates should be 0 mm. The units can also be pushed together so there is no visible gap.	  Detail B Drill hole position on the roof support
	The screw connections between the side channel brackets and the water guiding grooves in the roof support should be sealed from above using adhesive and sealant when installation is complete, a test run has been performed and it is certain that the fixings do not need to be realigned.	 Seal the slider with adhesive and sealant in such a way that water can still flow past in the roof support groove (view of the roof support from above)

11 Electrical connection

11.1 Safety instructions

DANGER

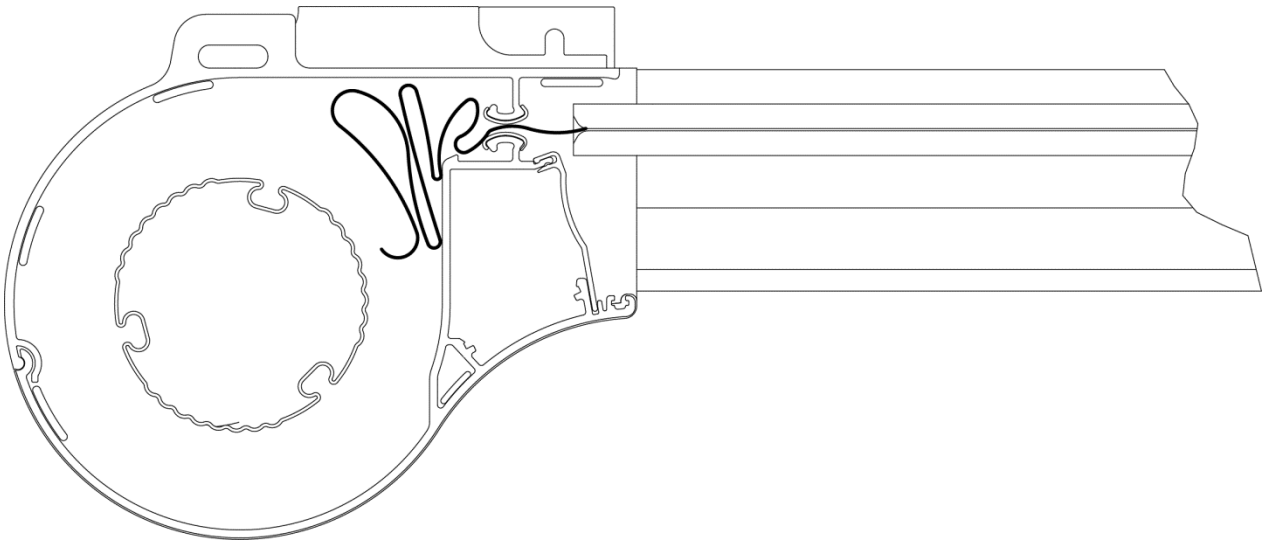
Electrical hazards
Electrical hazards occur when the electrical connections are performed improperly.
The conservatory awning may only be connected to an electricity supply if the specifications provided on the tag attached to the awning and/or the specifications provided in the supplied instructions for assembly tally with the power source. At the very least, the tag and/or specifications must specify the voltage, frequency and output values.
A permanent electrical connection may only be made to power grids fitted with an all-pole cutting off plate cylinder with a minimum 3 mm wide contact gap.
The installation instructions accompanying the supplied electrical components must be observed.

11.2 Setting the end position

CAUTION

Damage to the product
Incorrectly set end positions can result in the product being damaged (see table "Distances from the projection profile to the end cap when setting the end position").

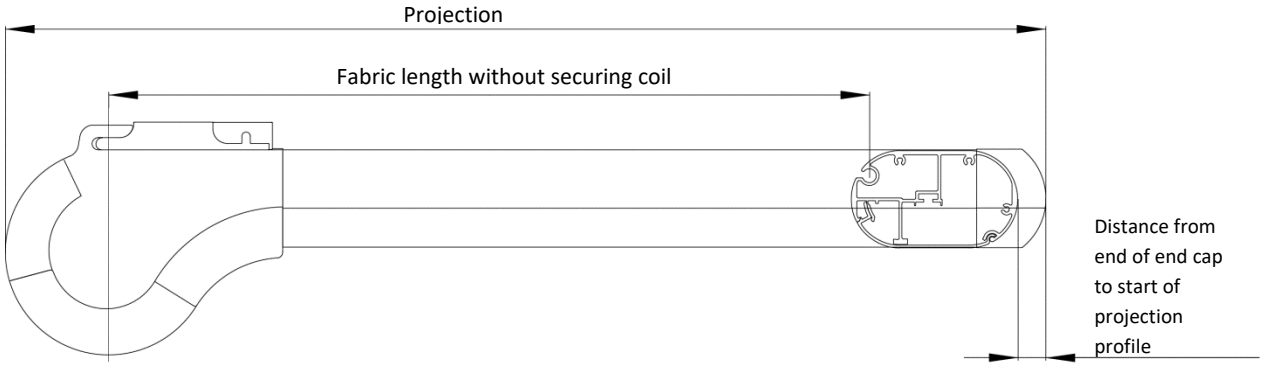
- **Do not exceed the maximum permissible conservatory awning projection. This is particularly important for OptiStretch units, as the fabric can back up in the cassette, resulting in creases.**
- **The end position of the motor must be stopped and set promptly, as the magnetic claw piping can come off the roller tube.**



11.2.1 Distances from the projection profile to the end cap when setting the end position

OptiStretch	Distance from end of end cap to start of projection profile once installation of the unit is complete
Yes	approx. 10 mm
No	approx. 15 mm

The values following installation of the unit may differ if the fabric has stretched with further use.



Checking that the motor is switched off

1. Once the conservatory awning has been installed, check that the motor has switched off correctly. The cassette must close when the awning is retracted.
2. Re-set if necessary.

11.3 Setting the end position of the Becker motor

A hard-wired switch or a manual switch is required to set the end position without BiConnect radio

- The installation and operating instructions for the Becker motor are enclosed in the unit documents.
- The projection profile must be set based on the projection according to the table "Distances from the projection profile to the end cap when setting the end position", as it is always possible that the fabric will stretch slightly during the initial cycles and when in use (see table above).

If the end position has been wrongly programmed, it must be deleted using an adjustment kit or a switching sequence if a commutator is connected.

11.3.1 Setting the end position with BiConnect radio programming

Continuous voltage and the BiConnect hand transmitter are required to set the end position.

- Separate BiConnect assembly and installation instructions are enclosed.
- For further operation information, refer to the Becker motor installation and operating instructions.

11.4 Setting the end position of the Somfy motor

Continuous voltage and a Somfy hand transmitter are required to set the end position.

- The instructions for use for the Somfy motor are enclosed in the unit documents.
- The projection profile must be set based on the projection according to the table "Distances from the projection profile to the end cap when setting the end position", as it is always possible that the fabric will stretch slightly during the initial cycles and when in use (see table on previous page).

If the end position has been wrongly programmed, it must be deleted using an adjustment kit or a Somfy hand transmitter.

11.4.1 Programming the Somfy radio

For Somfy without LED option

- Connect unit to the power supply voltage.
- Somfy motor can be programmed.
- Programme travel direction, end position and channel (see separate Somfy motor instructions for use).
- If necessary, program further drives on the channel.

For Somfy with LED option

- Connect unit to the power supply voltage.
- Only the Somfy motor can be programmed.
- Programme travel direction, end position and channel (see separate Somfy motor instructions for use).
- If necessary, program further drives on the channel.
- Remove LED top profile.
- Remove blind plug and connect with the Somfy Lighting Receiver instead.
- Press the channel on which the light is to be programmed and programme the light.
- Refit the LED top profile.

When the unit is first delivered, there is a blind plug with a 20 cm cable flag on the cabling. The Somfy Lighting Receiver is connected in its place.

If repairs are required, the Somfy Lighting Receiver must be disconnected from the power supply voltage first, as otherwise it is not possible to programme the light and the motor separately.

11.5 Deleting the end position, general

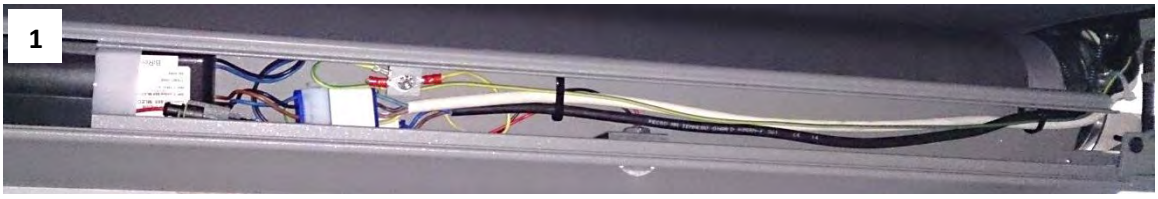
All circuit diagrams for connection of the adjustment kit can be found in the next section. The points marked with an asterisk* indicate the points at which the adjustment kit should be connected.

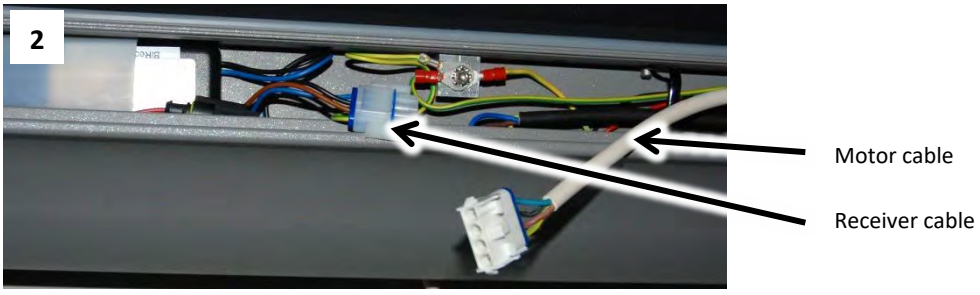
In general, the adjustment kit is connected to the unit lead at the back to delete the end position. Radio control with BiConnect is the exception, as in this case the adjustment kit is connected at the front under the LED top profile.

11.5.1 Deleting the end position example: Sottezza II LED with BiConnect

Use the supplied breakout cable to adjust or operate the motor. The procedure described here and shown in the photos is for the Sottezza II LED with BiConnect control.

- Remove the LED top profile on the motor side **(1).**
- Disconnect motor from BiConnect BiRec MLED **(2).**
- Connect breakout cable to motor cable **(3).**
- Connect Becker adjustment kit.
- Delete and reset end position according to the Becker motor installation and operating instructions.





11.6 Circuit diagrams for connection of the adjustment kit

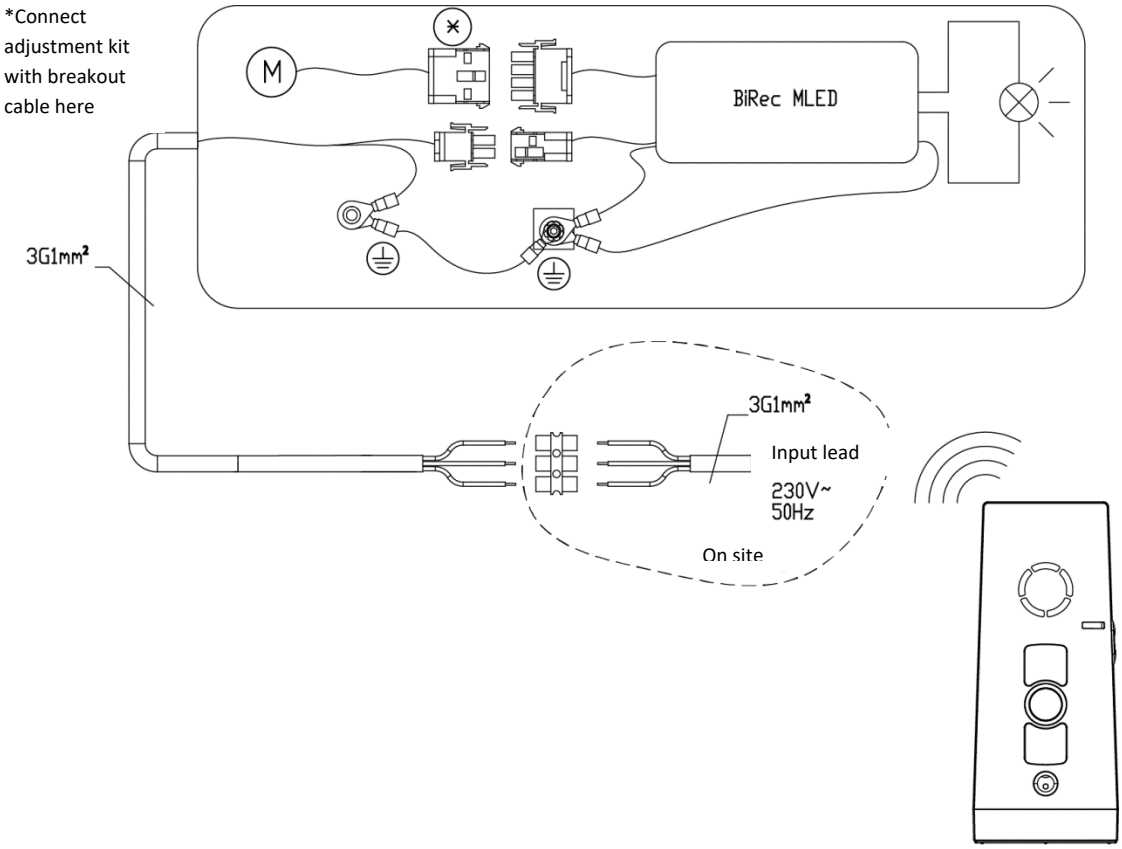


Figure 6: Circuit diagram Sottezza II for BiConnect with LED

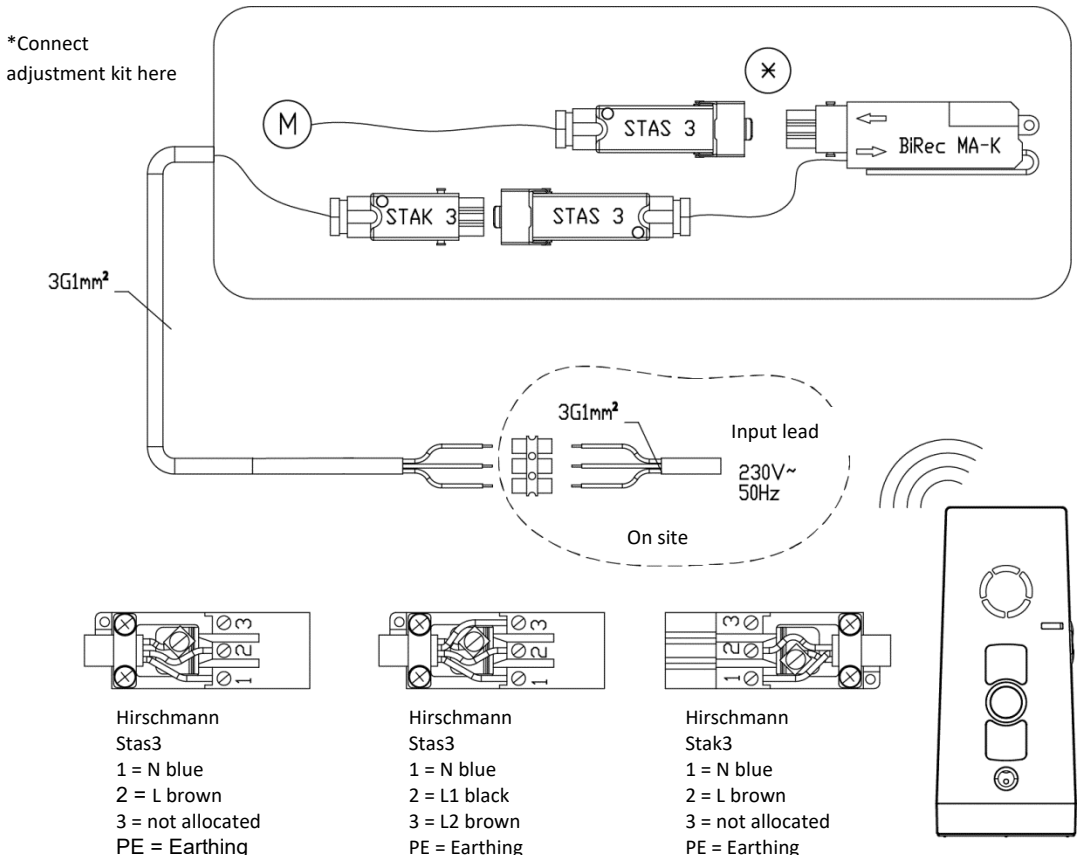


Figure 7: Circuit diagram Sottezza II for BiConnect without LED

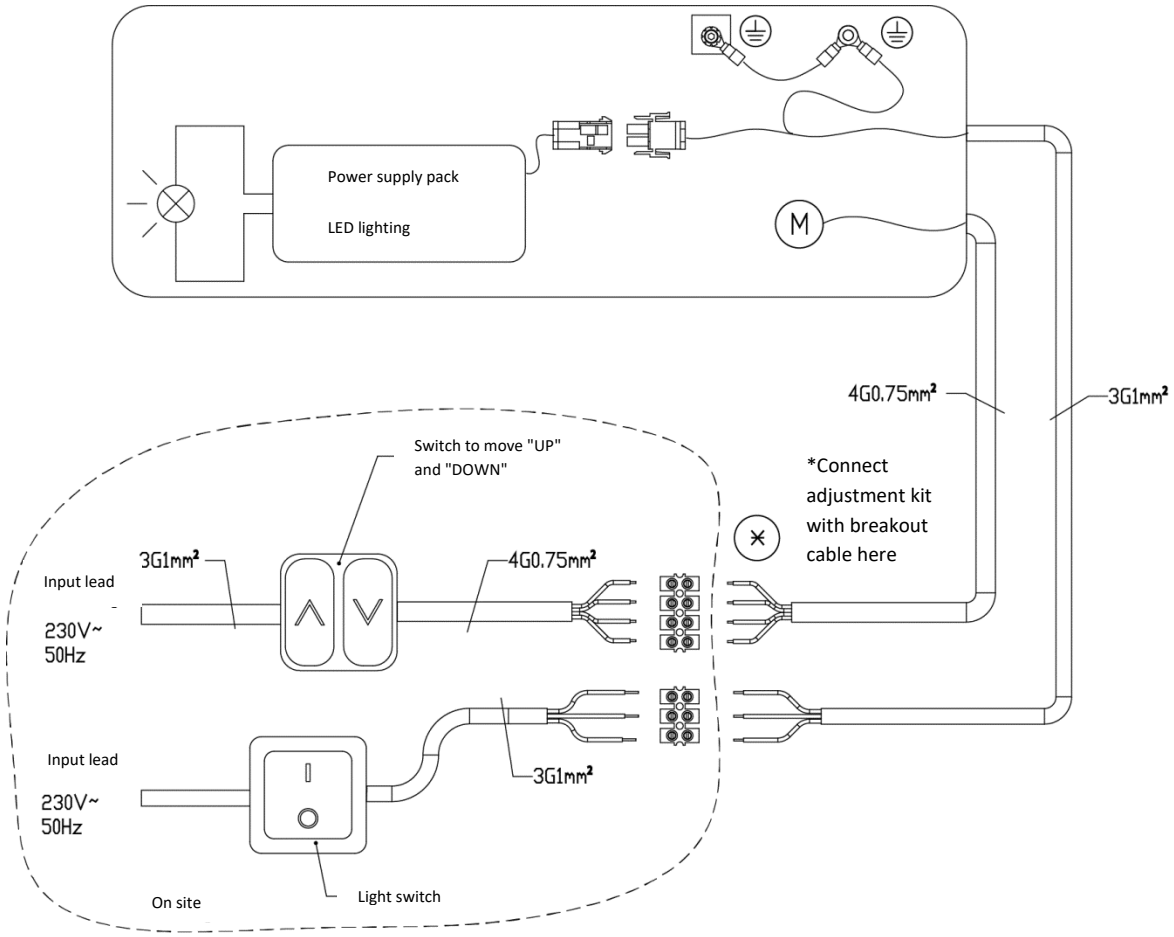


Figure 8: Circuit diagram Sottezza II for conventional version with LED

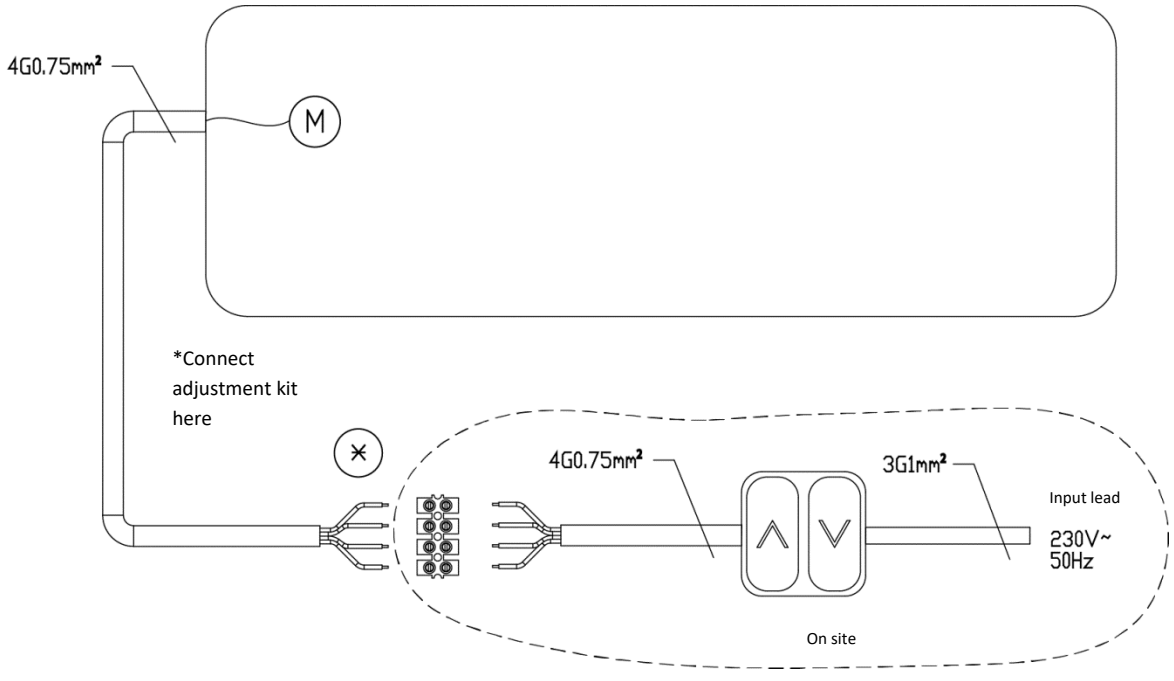
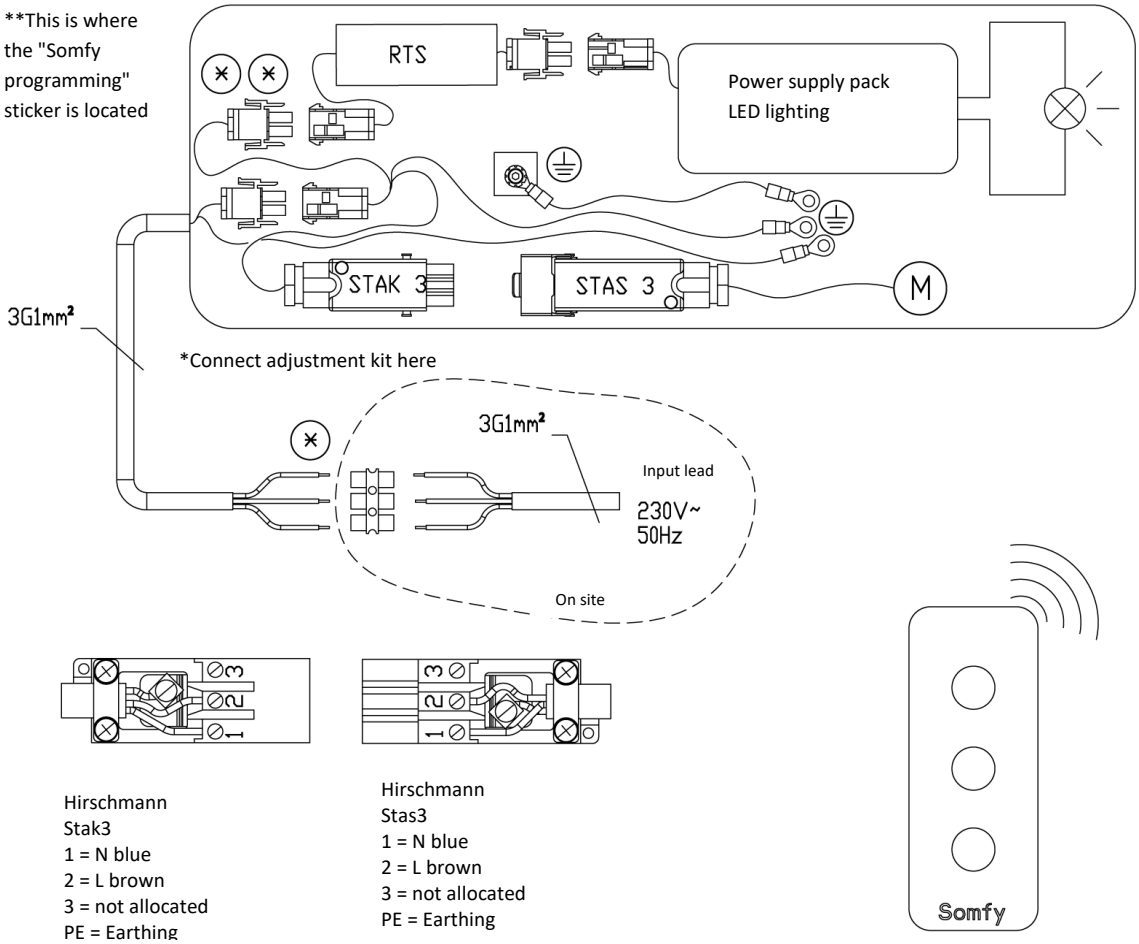


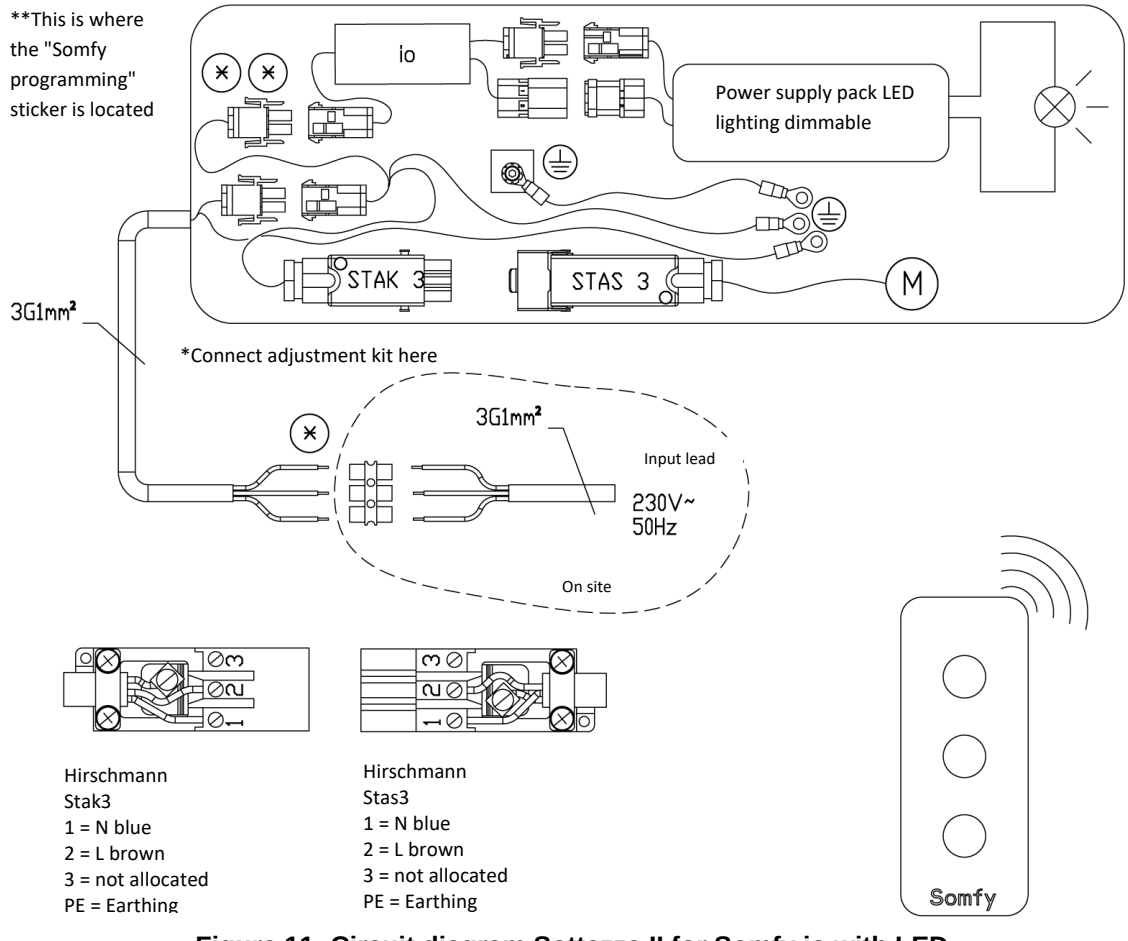
Figure 9: Circuit diagram Sottezza II for conventional design without LED



Hirschmann
Stak3
1 = N blue
2 = L brown
3 = not allocated
PE = Earthing

Hirschmann
Stas3
1 = N blue
2 = L brown
3 = not allocated
PE = Earthing

Figure 10: Circuit diagram Sottezza II for Somfy RTS with LED



Hirschmann
Stak3
1 = N blue
2 = L brown
3 = not allocated
PE = Earthing

Hirschmann
Stas3
1 = N blue
2 = L brown
3 = not allocated
PE = Earthing

Figure 11: Circuit diagram Sottezza II for Somfy io with LED

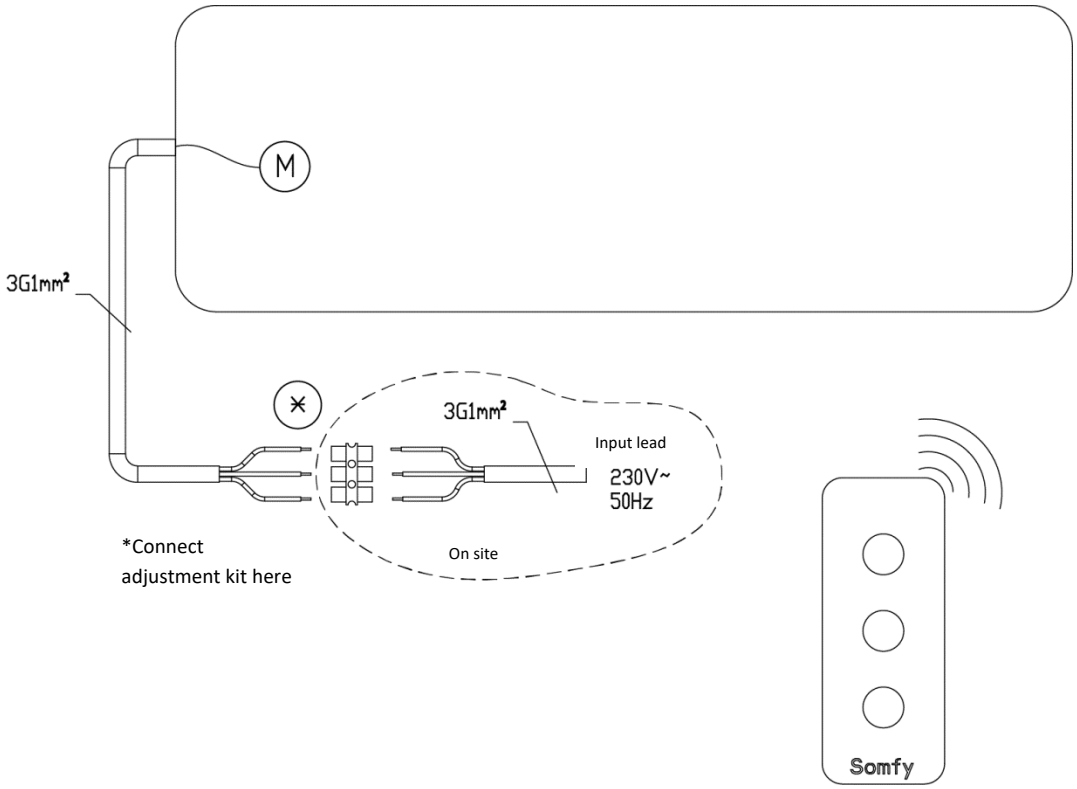
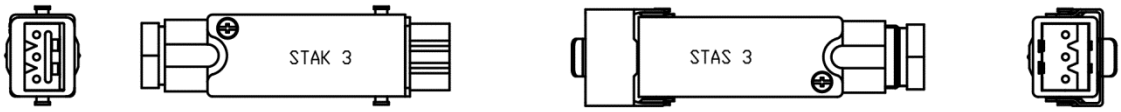
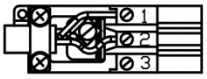


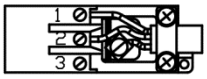
Figure 12: Circuit diagram Sottezza II for Somfy without LED

11.7 Sottezza II with Hirschmann connection assembly



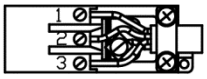
Assignment for a 3-wire cable connector Hirschmann STAK 3
1 = N blue
2 = L brown
3 = not allocated
PE = Earthing





Assignment for a 3-wire cable plug
Hirschmann STAS 3
1 = N blue
2 = L brown
3 = not allocated
PE = Earthing

Assignment for a 4-wire cable connector Hirschmann STAK 3
1 = N blue
2 = L1 black
3 = L2 brown
PE = Earthing

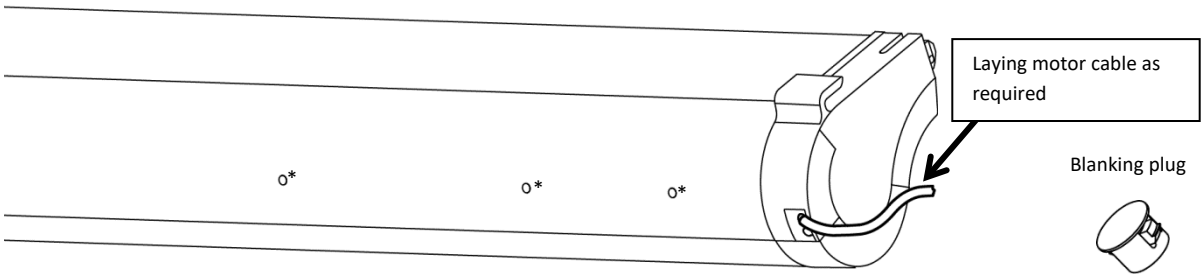


Assignment for a 4-wire cable plug
Hirschmann STAS 3
1 = N blue
2 = L1 black
3 = L2 brown
PE = Earthing

Figure 13: Hirschmann connection assembly

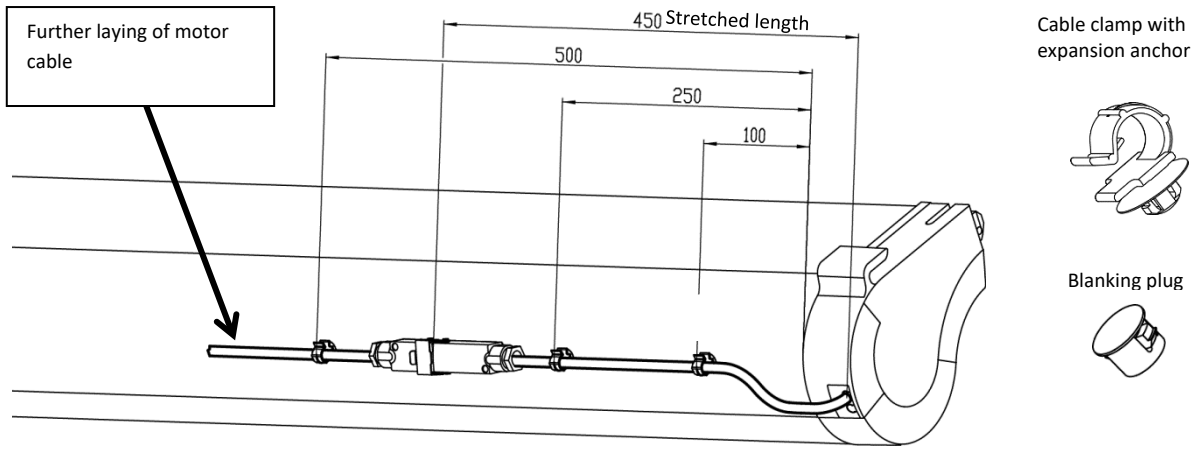
11.8 Laying cables

11.8.1 Standard procedure for laying motor cable



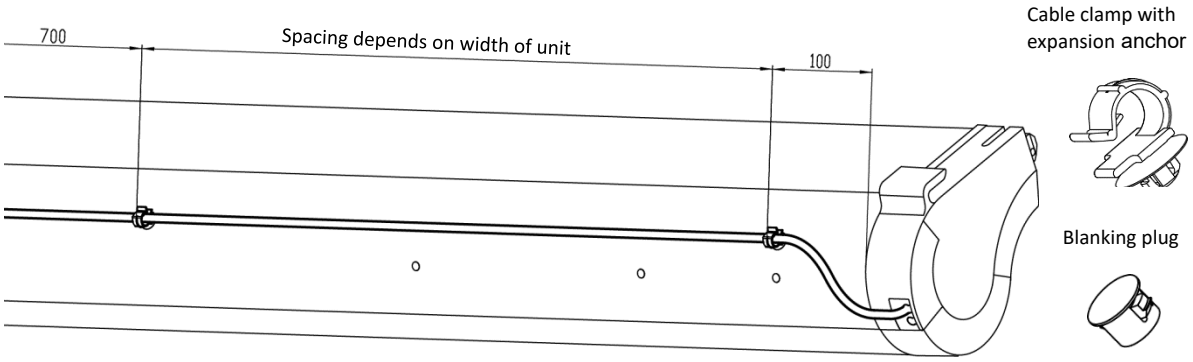
- *Unused drill holes are filled with a blanking plug.

11.8.2 Optional Hirschmann fastening for shortened cable



- The 3 cable clamps with expansion anchors can be inserted into the pre-drilled holes in order to fasten the Hirschmann coupling in place.
- Cut the motor cable to 450 mm and connect as shown.
- The motor cable should be laid accordingly **after** the unit has been fitted.
- *Unused drill holes are filled with a blanking plug.
- The motor cable can also be laid over the entire length of the unit on the other side (for an example, see "Laying cables for multi-section units").

11.8.3 Laying cables for multi-section units (OPTION)



- The cable clamps with expansion anchors can be inserted into the pre-drilled holes in order to fasten the cable in place.
- The cable should be laid accordingly **before** the unit is fitted.
- *Unused drill holes are filled with a blanking plug.

12 Sottezza II LED lighting

12.1 Safety instructions on LED lighting

CAUTION

Damage to LED spotlights
Improper connection and cabling can result in the LED lighting being damaged.
To ensure the proper functioning of the soft-start feature – which means full brightness is reached gradually – never connect the LED lighting device when energised. This also applies when replacing individual LED spotlights. Always wire up the lamps with the power turned off and only then switch on the power supply pack via the 230 V AC connection.

12.2 Technical details – LED lighting

12.2.1 Lighting device

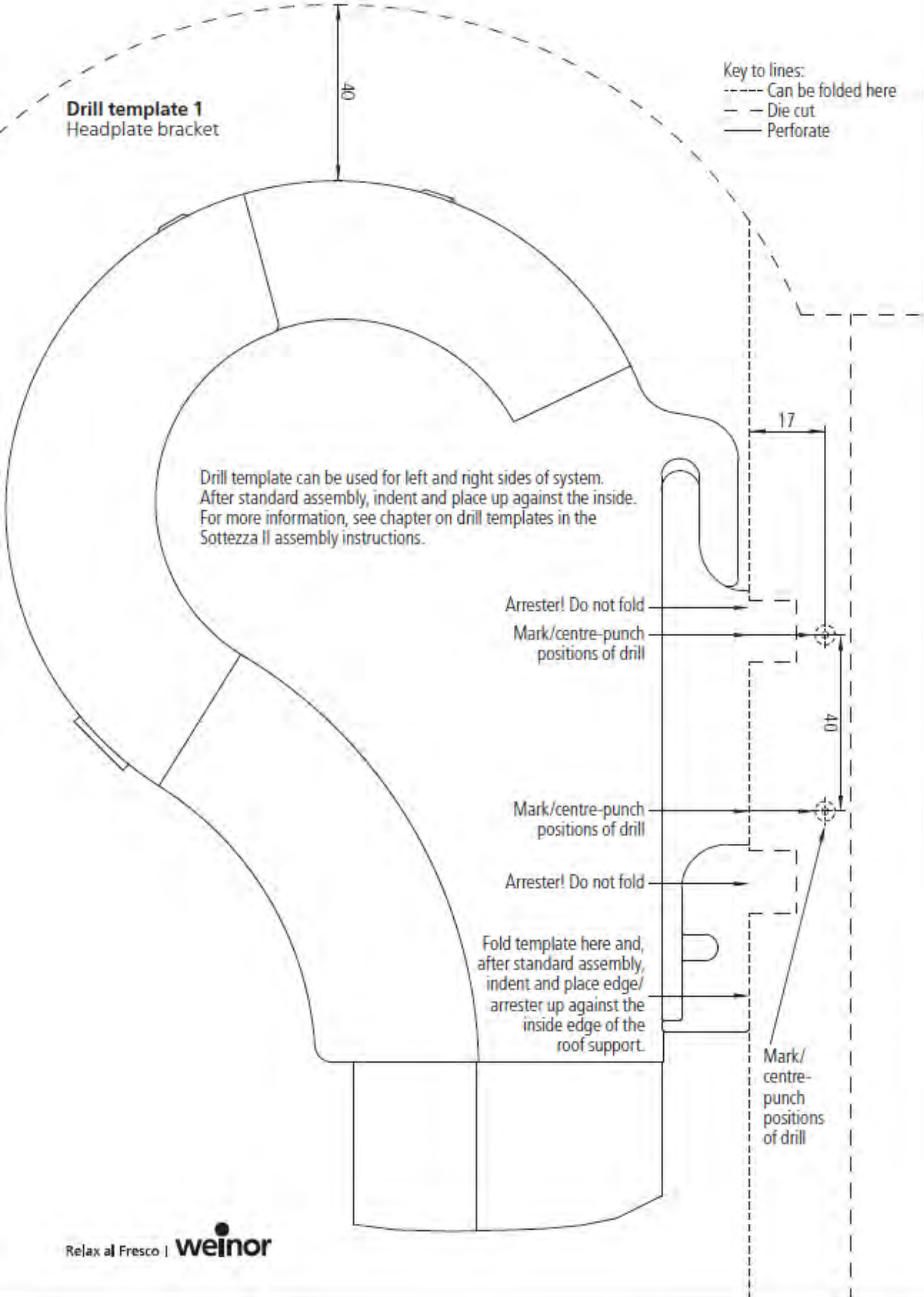
Nominal voltage:	230 V AC / 700 mA DC
Number of LED spotlights:	up to 10
Dimmable:	yes (with BiConnect BiRec MLED)
Circuit design	Series-connected
IP code:	IP24
Protection class:	III

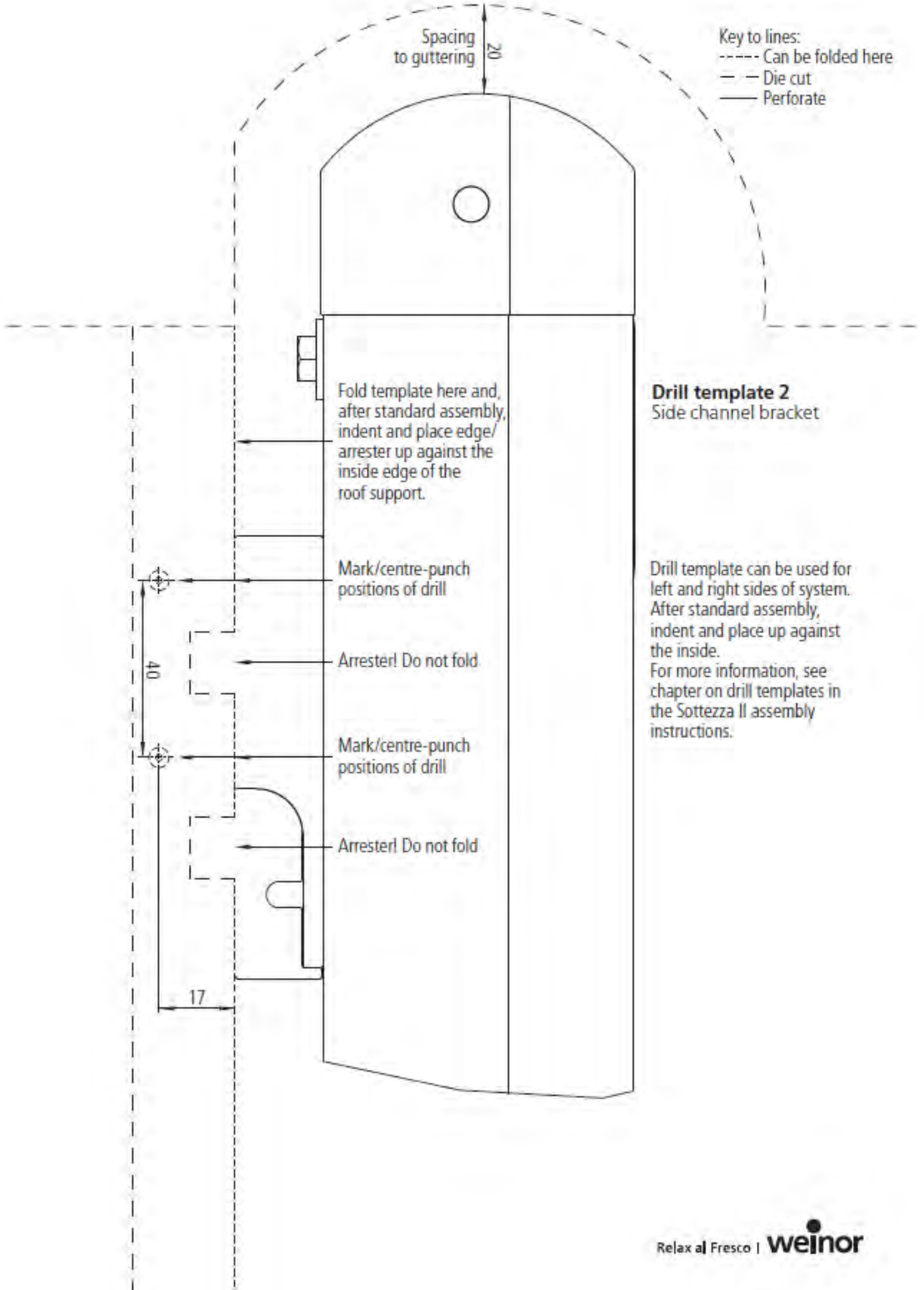
12.2.2 LED lamps

LED spotlight:

Bulb:	LED lamp (Cree MX6)
Operating current:	700 mA constant current
Voltage per light:	3.7 V
Output per light:	2.6 W
Colour temperature:	Warm white (3000 K)
Radiation angle:	60°
Housing diameter:	29 mm
Housing height:	32 mm

Drill template 1
Headplate bracket



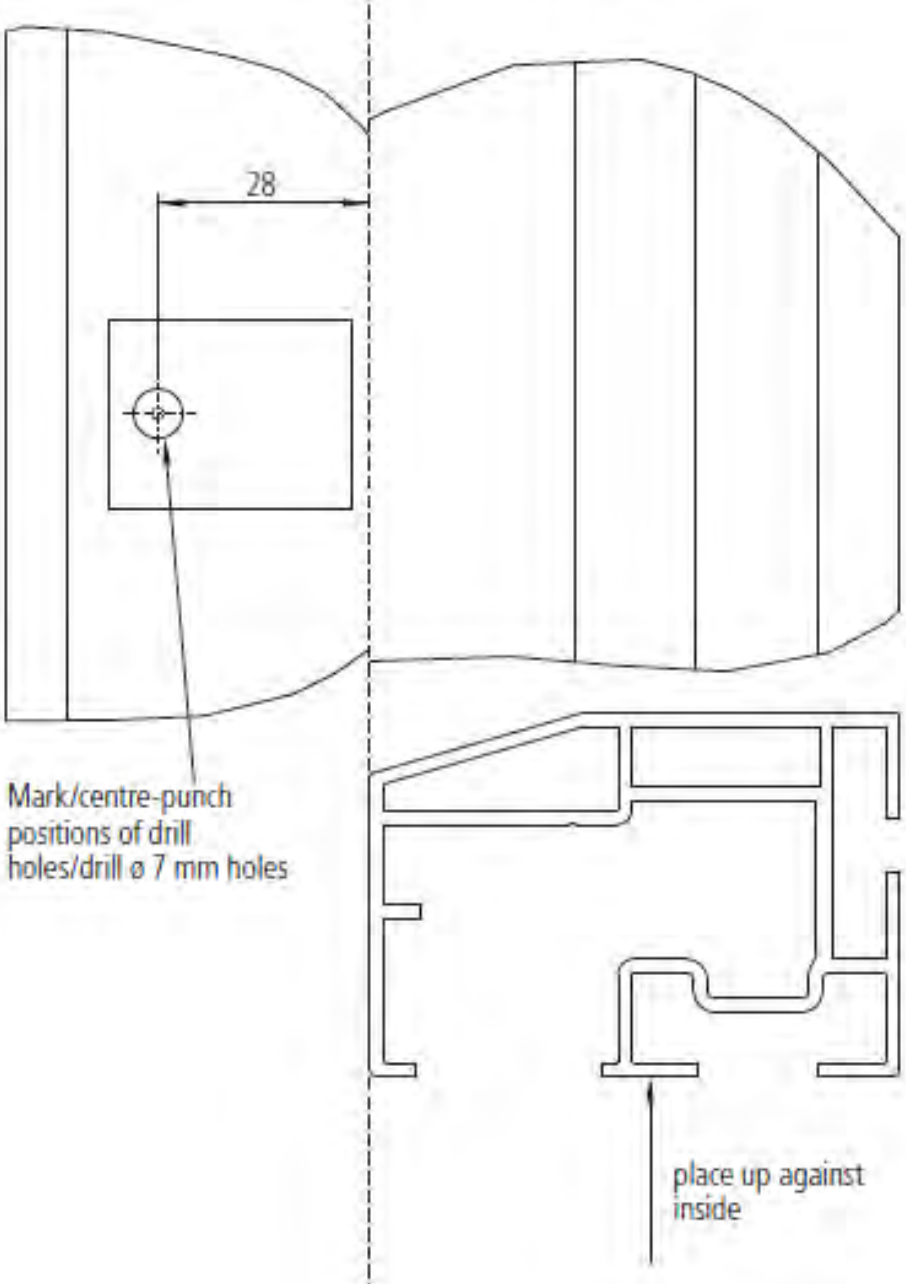


Drill template 2
Side channel bracket

Drill template can be used for left and right sides of system. After standard assembly, indent and place up against the inside.
For more information, see chapter on drill templates in the Sottezza II assembly instructions.

Drill template 3
Distance rope bracket

Fold template here and place edge/arrester up against the inside of the side channel.



Key to lines:
----- Can be folded here
—— Perforate

13 Fault analysis

Error	Cause	Remedy
Motor not running	• No power • Motor incorrectly connected • Motor is too hot • Motor is defective • Receiver not functioning	• Check power supply voltage • Re-connect motor • Wait 10 to 15 minutes • Replace the motor • Replace receiver
Unit switches off with a delay	• Motor not set correctly	• Correct the motor settings
Unit does not retract completely	• Motor not set correctly • Blockage caused by foreign bodies	• Correct the motor settings • Remove foreign bodies
Unit not straight	• Unit not correctly aligned	• Re-measure and re-align unit
Not enough fabric tension	• Insufficient spring tension • Tensioning rope running incorrectly • Friction within the system	• Re-tension springs • Check running of the tensioning rope throughout the entire unit • Re-measure and re-align unit
Projection profile is crooked when extended or is not parallel to the cassette (cassette, side channel or guttering) when retracted	• Unit not correctly aligned • Fabric has stretched to differing lengths	• Re-measure and re-align the system (see Section 5 Aligning the system) • Place the fabric underneath (Item number 126664)
Unit does not close across its entire width	• Fabric seam not straight • Fabric not welted correctly in projection profile (OptiStretch) • End position of motor incorrectly set	• Fabric must protrude at least 9 mm from the projection profile at the side (OptiStretch) • Correct the motor settings
Creasing and wrinkling	• Restricted unit	• None
Loud noises	• Tensioning rope running incorrectly • Squeaky rollers, pulley blocks or bearing surfaces • Clearance between motor and roller tube	• Align rope drum with pulley block • Lubricate bearing surfaces with suitable means • Replace the motor
Fabric sags significantly at the side	• Distance ropes forgotten • System insufficiently tensioned	• Install the distance ropes (see Section 7 Installing the distance ropes) • Check the tension, re-tension (see Section 4.2.5: Tensioning rope)
End cap cannot be installed	• Unit is not installed correctly	• Shorten side channel
Side channel too long	• Sawn incorrectly	• Shorten side channel
Lower end position overshot	• Motor not stopped in time when programming	• Open cassette • Move unit until the magnetic claw piping is visible • Check the position of the magnetic claw piping along the entire fabric length and correct position • Close cassette • Re-programme the end position
Red lamp lights up on the LED spotlight	• LED defective	• Replace LED spotlight
LED spotlights won't switch on	• No power supply • Power supply pack defective	• Connect to the mains • Replace power supply pack
Motor and light cannot be operated (with radio option)	• Batteries in remote control empty • Remote control defective • Defective receiver	• Replace batteries in remote control • Replace remote control
LED spotlights won't dim (only for dimming function with BiConnect)	• Batteries in remote control empty • Remote control defective • Dimmer defective	• Replace batteries in remote control • Replace remote control • Replace dimmer
Remote control not working	• Batteries in remote control empty • Object situated between transmitter and receiver • Receiver too far away • Remote control defective	• Replace batteries in remote control • Move closer to receiver or change location of transmitter • Move closer to the receiver • Replace remote control
End position set incorrectly (standard)	• The unit was retracted more than 30 cm towards the arrester during the installation phase	• Delete the end position • Re-programme the end position
The fabric guide profile pulls inwards	• System not correctly aligned	• Aligning the system (see Section 5 Aligning the system)
All repairs are to be carried out by an authorised specialist.		

14 Handover

All operation and maintenance instructions must be handed over to the user who must be instructed in the operation of the unit. Detailed instruction on the safe and proper operation of the sun protection system must be given. If this is not adhered to and the sun protection system is operated incorrectly, the system may be damaged or accidents may occur. The instructions must be kept by the customer and passed on to the new owner if ownership of the sun protection system passes to a third party.

After noting the on-site structural conditions and completing installation, the installation firm is to inform the end user whether the wind resistance class given by the manufacturer was achieved when the sun protection system was installed. If not, the installation firm must record the wind resistance class actually achieved. Automatic controls must be set to this level. The customer must confirm to the technician in writing that the sun protection system is the right model and has been installed correctly, indicating the installation time, and that final acceptance of the system has taken place during which the safety instructions were discussed.

15 Dismounting and disposal

DANGER

Physical injury may result from pre-tensioned parts
The unit must be slackened before dismounting.
A suitably qualified company should be engaged to perform this task.

This product does not contain any materials which pose a risk or danger to other people or the environment. Nevertheless, the parts of the sun protection system should be disposed of properly.

16 Handover certificate

Offer/Order No.: Customer's address: Tel.: Mobile phone: Email:	Company
Handover certificate	Date

The sun protection system has been reviewed together with Ms/Mr _____ and accepted with no apparent defects: □ Yes □ No

If 'No', what is the subject of complaint?

_____

_____

_____

_____

_____

*If the customer decides against a formal acceptance of the sun protection system and begins operating it, the system will be deemed to have been accepted

The customer has been duly instructed in how to operate the sun protection system as shown in the maintenance instructions and directions for use □ Yes □ No	The sun protection system may be used under the following conditions: Useable up to wind strength _____ Wind: □ Not permissible Rain: □ Permissible if supervised Risk of frost: □ Permissible without restriction □ Not permissible

The customer has been given the following documents:

Maintenance instructions and directions for use	□ Yes □ No	Instructions for installation and setting the motor, switches and controls	□ Yes □ No
Instructions for assembly	□ Yes □ No		
Warranty documents	□ Yes □ No		

Miscellaneous:

Installation was performed by:

Name	from Time	to Time	Hours

Signature of technician

Signature of customer

17 Declaration of performance

(D) Leistungserklärung Nr. 220405-SO
(NL) Prestatieverklaring nr. 220405-SO
(GB) Declaration of performance no. 220405-SO
(F) Déclaration de performance n°. 220405-SO

1.	Eindeutiger Kenncode des Produkttyps:	**Sottezza II** Stretch/LED/ OptiStretch/LED	**Wintergartenmarkise**
	Unieke identificatiecode van het producttype:	**Sottezza II** Stretch/LED/ OptiStretch/LED	**Serrezonwering**
	Unique identification code of the product type:	**Sottezza II** Stretch/LED/ OptiStretch/LED	**Conservatory awning**
	Code d'identification unique du type de produit :	**Sottezza II** Stretch/LED/ OptiStretch/LED	**Store de véranda**
2.	Verwendungszweck(e):	**Anbringung im Außenbereich**	
	Toepassing(en):	**Buitenmontage**	
	Intended use:	**Installation in outdoor areas**	
	Utilisations prévue :	**Installation en extérieur**	

3.	Hersteller:	**weinor GmbH & Co. KG** Mathias-Brüggen-Straße 110 50829 Köln, Deutschland	4.	Dokumentationsbevollmächtigter:	**Erwin Czarnetzki** weinor GmbH & Co. KG Mathias-Brüggen-Straße 110 50829 Köln, Deutschland
	Fabrikant:			Documentatiegevolmachtigde:	
	Manufacturer:			Documentation Officer:	
	Fabricant :			Chargé de la documentation :	

5.	System(e) zur Bewertung und Überprüfung der Leistungsbeständigkeit:	**Zertifizierung gemäß Bewertungssystem 4 der Bauproduktenverordnung 305/2011/EG durch den Hersteller erfolgt.**
	Syste(e)m(en) voor het beoordelen en verifiëren van de prestatiebestendigheid:	**Certificering volgens beoordelingssysteem 4 van de verordening bouwproducten 305/2011/EG wordt door de fabrikant gedaan.**
	System(s) for assessing and verifying constancy of performance:	**Certification in acc. with system of assessment 4 of Construction Products Directive 305/2011/EC has been obtained by the manufacturer.**
	Système(s) d'évaluation et de vérification de la constance des performances :	**Certification selon le système d'évaluation 4 de l'ordonnance UE sur les produits de construction 305/2011, effectuée par le fabricant.**
6.	Harmonisierte Norm: Geharmoniseerde norm: Harmonised standard: Norme harmonisée :	**EN 13561:2004+A1:2008**
7.	Erklärte Leistung(en):	Wesentliche Merkmale/Leistung: Windwiderstandsklasse (0-2) Norm: EN 13561:2004+A1:2008 Markisen - Leistungs- und Sicherheitsanforderungen; Deutsche Fassung; Erklärte Leistung: **Windwiderstandsklasse 2**
	Verklaarde prestatie	Belangrijke kenmerken/prestaties: Windweerstandsklasse(0-2) Norm: EN 13561:2004+A1:2008 Zonneschermen – Prestatie- en veiligheidseisen; Duitse versie; Verklaarde prestatie: **Windweerstandsklasse 2**
	Declared performance:	Main features/performance: Wind resistance class (0-2) Standard: EN 13561:2004+A1:2008 Awnings - Performance and safety requirements; German version; Declared performance: **Wind resistance class 2**
	Puissance déclarée :	Caractéristiques essentielles / puissance : Classe de résistance au vent (0-2) Norme : EN 13561:2004+A1:2008 Stores – Exigences relatives à la performance et à la sécurité; version allemande; Performance déclarée : **Classe de résistance au vent 2**

8.	Angemessene Technische Dokumentation und/oder Spezifische Technische Dokumentation:	**keine**
	Passende technische documentatie en/of specifieke technische documentatie:	**geen**
	Appropriate Technical Documentation and/or Specific Technical Documentation:	**none**
	Documentation technique appropriée et/ou documentation technique spécifique :	**aucun**

9.	Die Leistung des vorstehenden Produkts entspricht der erklärten Leistung/den erklärten Leistungen. Für die Erstellung der Leistungserklärung im Einklang mit der Verordnung (EU) Nr. 305/2011 ist allein der obengenannte Hersteller verantwortlich. Unterzeichnet für den Hersteller und im Namen des Herstellers.
	De prestaties van bovengenoemd product zijn in overeenstemming met de aangegeven prestatie(s). De hierboven genoemde fabrikant is als enige verantwoordelijk voor het opstellen van de prestatieverklaring in overeenstemming met Verordening (EU) nr. 305/2011. Ondertekend voor en namens de fabrikant.
	The performance of the above product is in conformity with the declared performance(s). The manufacturer named above is solely responsible for drawing up the declaration of performance in accordance with Regulation (EU) No 305/2011. Signed for and on behalf of the manufacturer.
	La performance du produit susmentionné est conforme à la/aux performance(s) déclarée(s). Le fabricant susmentionné est seul responsable de l'établissement de la déclaration de performance conformément au règlement (UE) n° 305/2011. Signé pour le fabricant et au nom du fabricant.

10.	Name Ort, Datum	**Köln, 05.04.2022**	11.	Unterschrift:	ppa. Karl-Heinz Stawski Produktentwicklung | Einkauf | Leiter | Prokurist
	Stad, datum	**Keulen, 5-4-2022**		Handtekening	
	City, Date	**Cologne, 2022-04-05**		Signature	
	Ville, Date	**Cologne, le 05/04/2022**		Signature	

18 GB EU Declaration of Conformity Sottezza II

D EU-Konformitätserklärung
NL EU-conformiteitsverklaring
FR Déclaration de conformité UE

Hersteller **Fabrikant** **Manufacturer** **Fabricant**	weinor GmbH & Co. KG Mathias-Brüggen-Straße 110 50829 Köln/Cologne/Keulen Deutschland/Duitsland/ Germany/Allemagn	**Dokumentationsbevollmächtigter** **Documentatiegevolmachtigde** **Documentation Officer** **Chargé de la documentation**	Czarnetzki, Erwin
Produkt | Produkttyp | Baujahr	Sottezza II | Wintergartenmarkise mit Motorantrieb		
Product | Producttype | Bouwjaar	Sottezza II | Serrezonwering met motoraandrijving		ab | vanaf | from | à partir de | 04/2016
Product | Product type | Year built	Sottezza II | Conservatory awning with motor drive		
Produit | Type de produit | Année de construction	Sottezza II | Store de véranda avec entraînement motorisé		
Produktbeschreibung	Außenliegender Sonnenschutz		
Productbeschrijving	Aan de buitenzijde aangebrachte zonwering		
Product description	Outdoor sun protection		
Description du produit	Protection solaire extérieure		
Erklärung	Wir erklären, dass das oben bezeichnete Produkt aufgrund seiner Konzipierung und Bauart, sowie in der von uns in Verkehr gebrachten Ausführung den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der folgenden EU-Richtlinien entspricht. Bei einer nicht von uns abgesprochenen Änderung des Produktes verliert die Erklärung ihre Gültigkeit.		
Verklaring	Wij verklaren, dat het hierboven aangeduide product, op basis van ontwerp en bouwwijze, alsmede in de door ons in verkeer gebrachte uitvoering, voldoet aan de geldende fundamentele veiligheids- en gezondheidsvoorschriften van de volgende EU-richtlijnen. Bij een niet met ons afgesproken wijziging van het product verliest de verklaring haar geldigheid.		
Declaration	We declare that, due to its design and type of construction as well as in the form in which it was marketed by us, the product mentioned above meets the relevant fundamental health and safety requirements prescribed by the EU directives stated below. Any modification of the product not approved by us will result in this declaration becoming invalid.		
Déclaration	Nous déclarons que le produit désigné ci-dessus, sur la base de sa conception et de son type de construction, répond dans la version que nous commercialisons, aux exigences fondamentales de santé et de sécurité des directives UE suivantes. En cas de modification du produit sans notre accord, cette déclaration n'est plus valable.		
Richtlinien und Normen	Maschinenrichtlinie 2006/42/EG | Machinerichtlijn 2006/42/EG | Machinery Directive 2006/42/EG | Directive sur les machines 2006/42/EG		
Richtlijnen en normen	EU-Niederspannungsrichtlinie 2014/35/EU | EU-Laagspanningsrichtlijn 2014/35/EU | EU low voltage directive 2014/35/EU | EU directive basse tension 2014/35/EU		
Directives and standards	Richtlinie über elektromagnetische Verträglichkeit 2014/30/EU | Richtlijn inzake elektromagnetische compatibiliteit 2014/30/EU | Electromagnetic Compatibility Directive 2014/30/EU | Directive sur la compatibilité électromagnétique 2014/30/EU		
Directives et normes	EN 13561:2015 | EN 50366:2003 + A1:2006 | EN 60335-1:2012 | EN 60335-2-97:2006 + A11:2008 + A2:2010		
Ort, Datum **Stad, datum** **City, Date** **Ville, Date**	Köln, 20.04.2016 Keulen, 20-04-2016 Cologne, 2016-04-2016 Cologne, le 20/04/2016	**Unterschrift** **Handtekening** **Signature** **Signature**	ppa.

19 GB EU Declaration of Conformity Sottezza II LED

D EU-Konformitätserklärung
NL EU-conformiteitsverklaring
FR Déclaration de conformité UE

Hersteller **Fabrikant** **Manufacturer** **Fabricant**	weinor GmbH & Co. KG Mathias-Brüggen-Straße 110 50829 Köln/Cologne/Keulen Deutschland/Duitsland/ Germany/Allemagn	**Dokumentationsbevollmächtigter** **Documentatiegevolmachtigde** **Documentation Officer** **Chargé de la documentation**	Czarnetzki, Erwin
Produkt | Produkttyp | Baujahr	Sottezza II LED | Wintergartenmarkise mit Motorantrieb und integrierter LED Beleuchtung		
Product | Producttype | Bouwjaar	Sottezza II LED | Serrezonwering met motoraandrijving en geïntegreerde ledverlichting		ab | vanaf | from | à partir de | 04/2016
Product | Product type | Year built	Sottezza II LED | Conservatory awning with motor drive and integrated LED lighting		
Produit | Type de produit | Année de construction	Sottezza II LED | Store de véranda avec entraînement motorisé et éclairage LED intégré		
Produktbeschreibung	Außenliegender Sonnenschutz		
Productbeschrijving	Aan de buitenzijde aangebrachte zonwering		
Product description	Outdoor sun protection		
Description du produit	Protection solaire extérieure		
Erklärung	Wir erklären, dass das oben bezeichnete Produkt aufgrund seiner Konzipierung und Bauart, sowie in der von uns in Verkehr gebrachten Ausführung den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der folgenden EU-Richtlinien entspricht. Bei einer nicht von uns abgesprochenen Änderung des Produktes verliert die Erklärung ihre Gültigkeit.		
Verklaring	Wij verklaren, dat het hierboven aangeduide product, op basis van ontwerp en bouwwijze, alsmede in de door ons in verkeer gebrachte uitvoering, voldoet aan de geldende fundamentele veiligheids- en gezondheidsvoorschriften van de volgende EU-richtlijnen. Bij een niet met ons afgesproken wijziging van het product verliest de verklaring haar geldigheid.		
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Richtlinien und Normen **Richtlijnen en normen** **Directives and standards** **Directives et normes**	Maschinenrichtlinie 2006/42/EG | Machinerichtlijn 2006/42/EG | Machinery Directive 2006/42/EG | Directive sur les machines 2006/42/EG EU-Niederspannungsrichtlinie 2014/35/EU | EU-Laagspanningsrichtlijn 2014/35/EU | EU low voltage directive 2014/35/EU | EU directive basse tension 2014/35/EU Richtlinie über elektromagnetische Verträglichkeit 2014/30/EU | Richtlijn inzake elektromagnetische compatibiliteit 2014/30/EU | Electromagnetic Compatibility Directive 2014/30/EU | Directive sur la compatibilité électromagnétique 2014/30/EU EN 13561:2015 | EN 50366:2003 + A1:2006 | EN 55015:2013 + A1:2015 | EN 60335-1:2012 | EN 60335-2-97:2006 + A11:2008 + A2:2010 | EN 60598-1:2015-10 | EN 60598-2-2:2012/10 | EN 61000-3-2:2014 | EN 61000-3-3:2013 | EN 61547:2009 | EN 62471:2009-03		
Ort, Datum **Stad, datum** **City, Date** **Ville, Date**	Köln, 20.04.2016 Keulen, 20-04-2016 Cologne, 2016-04-2016 Cologne, le 20/04/2016	**Unterschrift** **Handtekening** **Signature** **Signature**	ppa.

weinor GmbH & Co. KG
Mathias-Brüggen-Straße 110
50829 Cologne
Germany
weinor.com