

Instructions for assembly

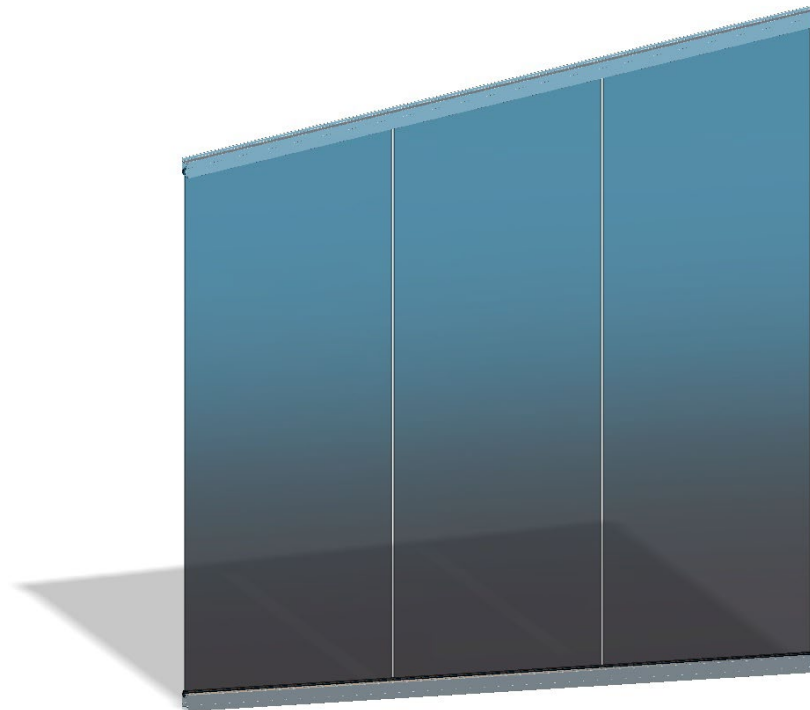
SUPER LITE w50-c side element

LITE w50-c side element

SUPER LITE w50-c all-glass fixed glazing

Terrazza Originale and Terrazza Sempre locking bar

English



Important notes for retailers and partners

Please read carefully before using!

These instructions must be kept by the retailer/partner



117088-0000

1 Contents

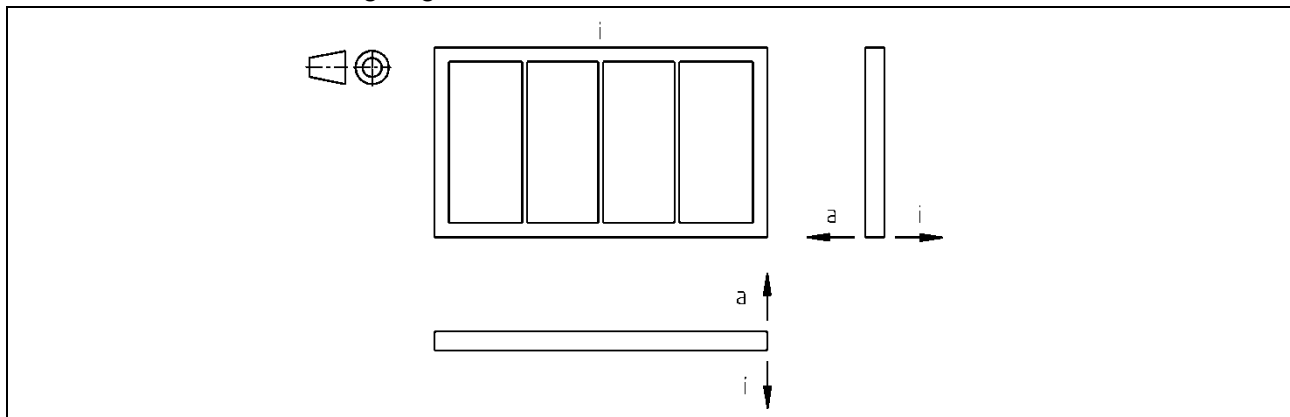
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2 Notes on assembly instructions

These instructions are geared towards trained fitters and require knowledge of installation techniques. Glazing elements may only be installed by specially qualified personnel with corresponding installation experience.

Unless otherwise stated, these Assembly Instructions always presume that the glazing elements are shown from the following angle:



a	Exterior
i	Interior

Some of the components and/or views included in these instructions are shown as schematic diagrams and/or are incomplete. This means that the actual appearance of e.g. a roof may deviate from the illustrations provided here.

2.1 Validity of these instructions

The glazing elements have been approved for export and Germany.

3 Depiction

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.

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

3.2 Tips and recommendations

	Highlights useful tips and information that enable quick and correct assembly.
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3.3 Safety notes

- These Assembly Instructions must be read before beginning the assembly work itself.
- For personal safety, it is important that these instructions are complied with.
- Non-compliance means the manufacturer does not carry any liability.
- The customer must retain all instructions, and if the product is sold, they must be given to the new owner.

3.4 Fundamental safety notes



Personal injury

Risk of personal injury due to improper use of the glazing elements.
Please read and observe the safety notes contained in this section.



Product and property damage

Risk of damage to the product and property due to improper use of the glazing elements.
Please read and observe the safety notes contained in this section.

3.5 Qualifications

The assembly instructions 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 fixings
- Assessment of building fabric
- Start-up and operation of the product.

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

3.6 Transportation

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 fastened properly and safely. Keep glazing element packaging dry. Softened packaging can come loose and cause accidents. Packaging which has been opened for goods inward purposes must be sealed again properly for further transport.

3.7 Fixing material

Responsibility for the installation work that is being carried out on-site must always rest with the foreman; it is not possible to issue uniformly applicable instructions due to the differing structural conditions and building regulations that apply at every site. Above all, this implies that all bolts and screws required to affix the glazing elements to the on-site connections must meet the requirements of the on-site structural conditions and structural safety.

3.8 Ladders

Do not lean ladders against the glazing elements or, if applicable, the weinor roof. Ladders must be on a firm base and provide adequate support. Only use ladders with adequate load-bearing capacity.

3.9 Anti-fall guards

Workers run the risk of falling when working at elevated heights. Suitable fall protection equipment must be used.

3.10 Crushing and cutting zones

Beware of crushing and cutting zones between e.g. movable leaves, as there is a risk of serious injury.

3.11 Intended and safe use

weinor glazing elements are intended to be fitted in conservatories, under patio roofs or other connecting passages.

Glazing elements may only be used for vertical glazing.

Important! Please remember that certain areas require the use of laminated sheet glass (LSG) or toughened safety glass or toughened safety glass with heat-soak test.

The planning and installation of glazing elements in or around parapets or in areas requiring anti-fall guards must be performed in accordance with current regulations and guidelines and are the responsibility of the site foreman.

All supplied profiles and components (especially frame and stave profiles) must be fitted without fail.

3.12 Handover

All directions for use must be handed over to the user, who must also be instructed in the operation of the equipment. Detailed instruction on the safe and proper operation of the glazing elements must be given. Improper use or failure to comply with the instructions may result in damage to the glazing elements or accidents occurring. The instructions must be retained by the customer and passed on to the new owner if ownership of the glazing elements passes to a third party.

3.13 Description of construction and function

Only high-quality corrosion-resistant or anti-corrosion materials are used in the glazing elements.

The profiles are made of extruded aluminium. All connecting parts, such as screws, are made of stainless steel. All outside aluminium parts are powder coated.

4.4 Notes on adhesives and sealants

Recommendation for selecting adhesive and sealant:

- "Take Seal" from Fix-Tec

Alternative jointing compounds:

- Please follow the manufacturer's guidelines
- Check on-site whether these are suitable

Sealing the on-site connections:

- Choose adhesives and sealants in accordance with the on-site building conditions
- Please follow the manufacturer's guidelines

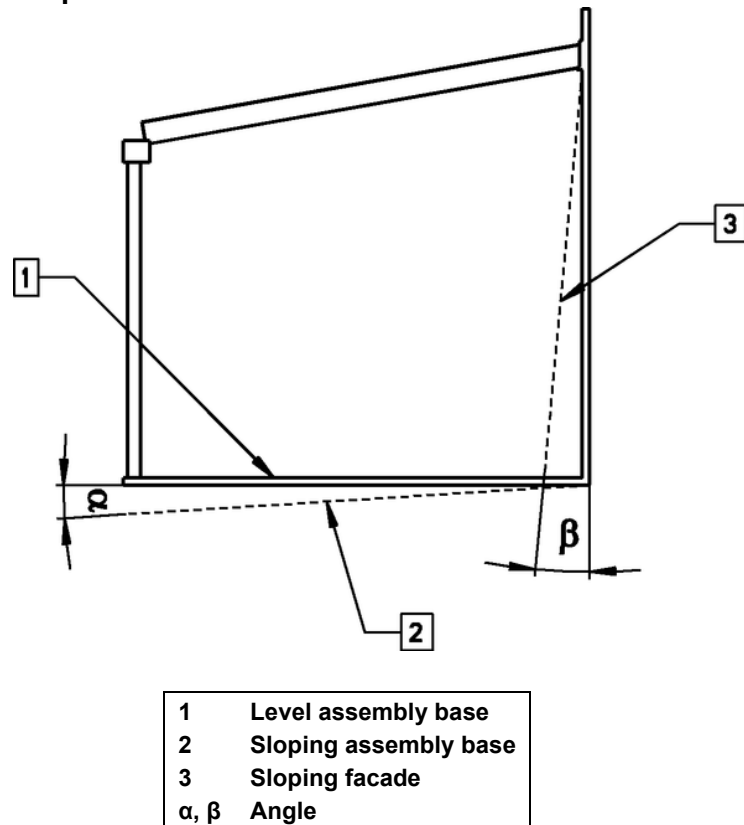
Preparations before applying the adhesive and sealant:

- Clean and prime all parts and surfaces before gluing
- If textured paint has been used, sand down the areas to be glued then clean and prime
- The gluing/sealing work should only be performed at reasonable temperatures (always follow the manufacturer's guidelines for adhesives and sealants)

Failure to follow these recommendations may result in:

- leaks in the on-site connections
- a loss in adhesion on certain parts

4.5 Unevenness and slopes on the on-site connections



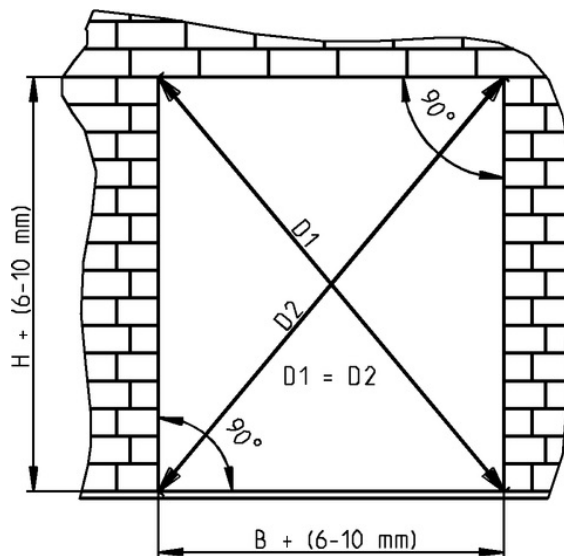
Any unevenness and slopes on the on-site connections (Terrazza or other connecting passages) must be levelled out on-site.

This is necessary

- to ensure the glazing elements are installed correctly
- to ensure the glazing elements work properly

Possible resources / installation materials for levelling out unevenness:

- Support blocks
- Frame wideners
- Compensation profiles fitted to guide profiles and the side frame (optional)



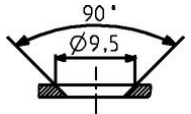
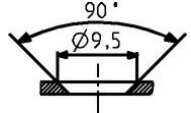
H	Height of glazing element
B	Width of glazing element
D1	Diagonal1
D2	Diagonal2

When installing the glazing elements in a connecting passage (in a wall, for example), it must always be ensured that the dimensions of the opening of the connecting passage are higher and wider than the glazing element. The height and the width of the connecting passage should each be 6 to 10 mm greater than the glazing element.

Prior to installing the glazing element in the connecting passage, always check that the two diagonals in the opening are of equal length and that the four corners are at an angle of 90°.

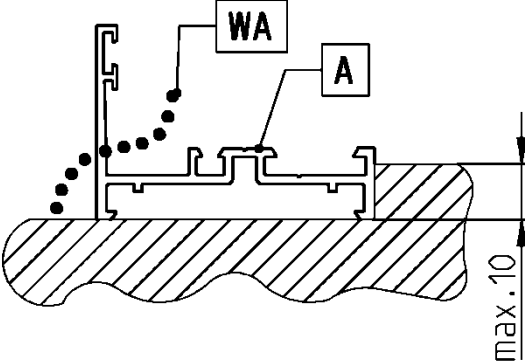
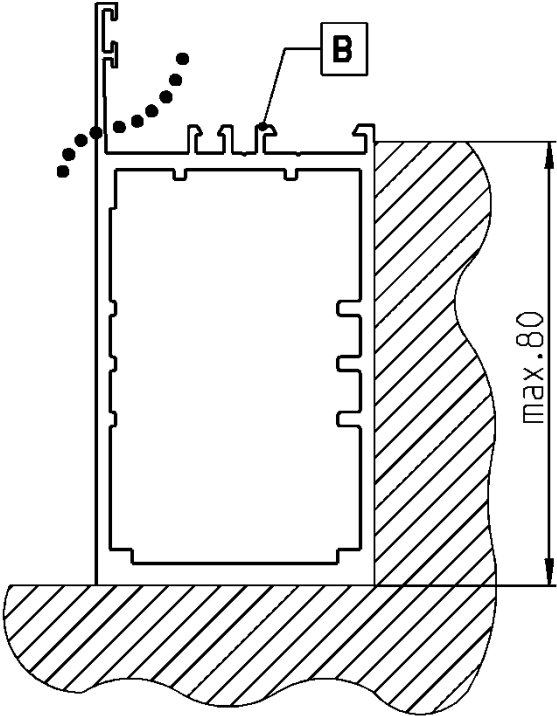
4.6 Notes on affixing glazing elements

The table below contains an overview of the holes that need to be drilled for assembly on a Terrazza:

Standardised part	Ø core hole (roof)	Ø clearance hole (frame)	Countersinking
Countersunk self-tapping screw 4.2	3.5 mm – 3.9 mm	5.5 mm	
Countersunk self-tapping screw 4.8	3.8 mm – 4.2 mm	5.5 mm	
Slotted pan head tapping screw 4.8	3.8 mm – 4.2 mm	5.5 mm - 10 mm	None
Flathead blind rivet nut F-M6x9	9.1 mm	/	None

- Always ensure that all the screws are countersunk into the frame of the glazing elements. Protruding screws may well damage the glass panes or result in limited functionality.

4 Reveal profile recessed into the ground

 IMPORTANT Where reveal profiles recessed into the ground are concerned, always ensure that there is sufficient water drainage.	
 If the elements are ordered accordingly, the reveal profiles can be recessed into the ground as shown here.	
[WA] Water drain	
[A] Reveal profile 35	[B] Reveal profile 105
	

5 Use and installation of rectangular pipe(s) below the Terrazza wall bracket



IMPORTANT

The details provided here on the use and installation of rectangular pipe(s) apply **only to a Terrazza**.
If installing a LITE w50-c side element and locking bar for a Terrazza, it may be necessary to use two different rectangular pipes at the same time.

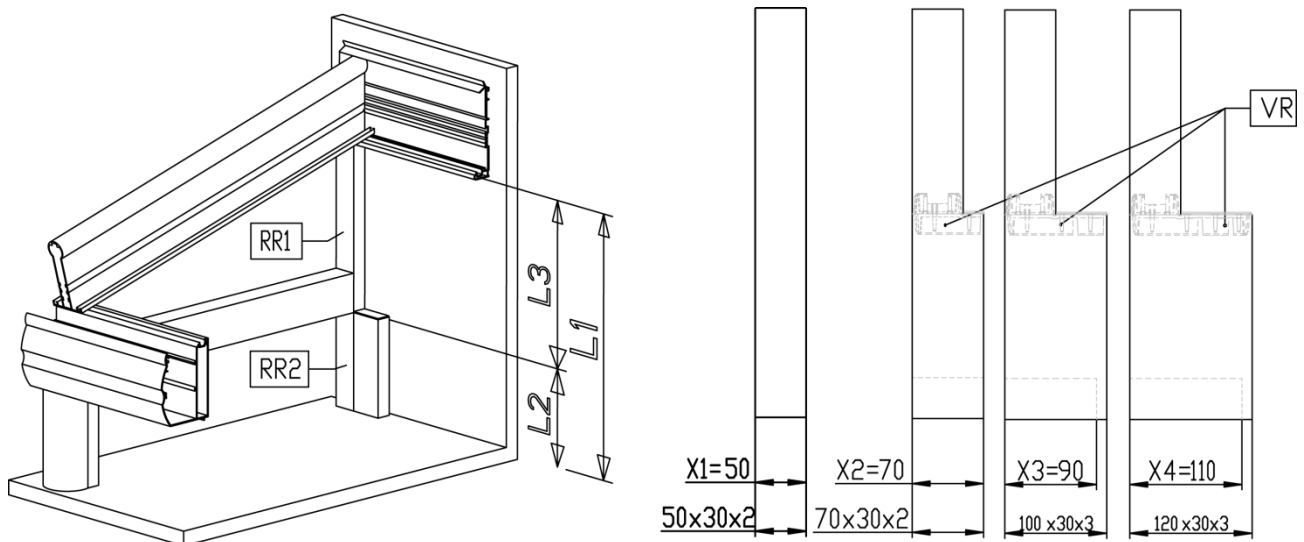
5.1 Use of rectangular pipe(s) below the wall bracket

If a side element is being installed underneath a Terrazza and the installation depth exceeds 50 mm, two different rectangular pipes are used at the same time instead of the 50x30x2 end-to-end rectangular pipe. These are connected using the rectangular pipe connector [VR].

- Rectangular pipe 1 [RR1] from bottom edge of wall bracket to bottom edge of guttering (crossbeam)
- Rectangular pipe 2 [RR2] from bottom edge of guttering (crossbeam) to top edge of finished floor

The glazing elements with an installation depth of over 50 mm are:

- w17-c (construction depth: 70 mm, 90 mm, 110 mm)
- w49-c (installation depth: 70 mm)



Use and lengths of rectangular pipe(s) below the wall bracket

construction depth UBE = X	rectangular pipe 1	Length	rectangular pipe 2	Length		
50	50x30x2	L1	-	-	L1	Bottom edge of wall connection to top of finished floor
70	50x30x2	L3	70x30x3	L2	L2	top of finished floor to bottom of guttering (crossbeam)
90	50x30x2	L3	100x30x3	L2	L3	Lower edge guttering (crossbeam) to bottom edge of wall bracket
110	50x30x2	L3	120x30x3	L2	X	Construction depth of the glazing elements

5.2 Installation of rectangular pipe(s) below the wall bracket



Rectangular pipe 1 **[RR1]** only needs to be trimmed to size on-site if the required length was not specified at the time of order.



IMPORTANT

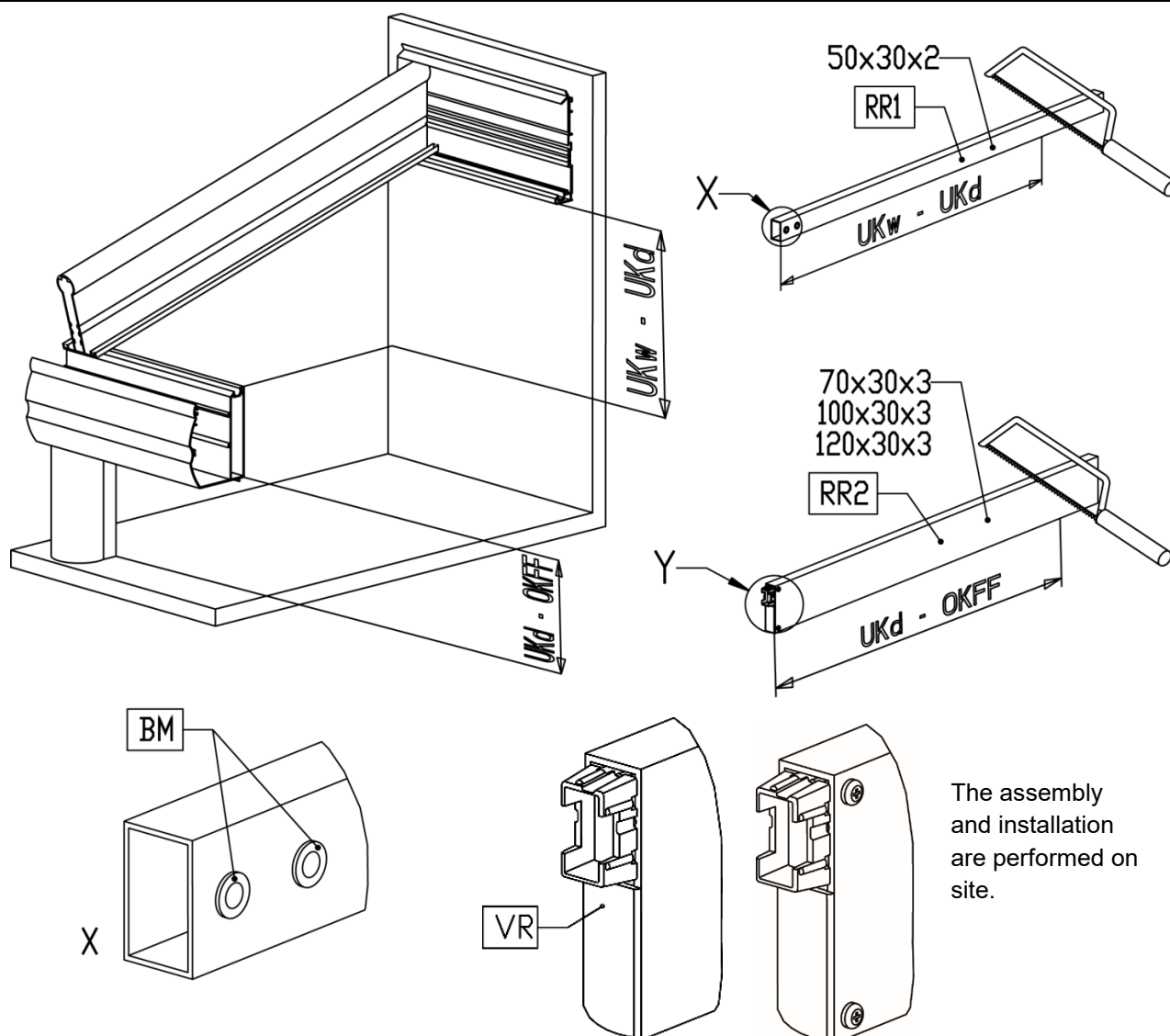
When sawing rectangular pipe 1, be sure **NOT** to saw the side of the rectangular pipe where the blind-rivet nuts **[BM]** are inserted.
When sawing rectangular pipe 2, be sure **NOT** to saw the side of the rectangular pipe where the rectangular pipe connector **[VR]** is inserted.

Rectangular pipe 1 **[RR1]**:

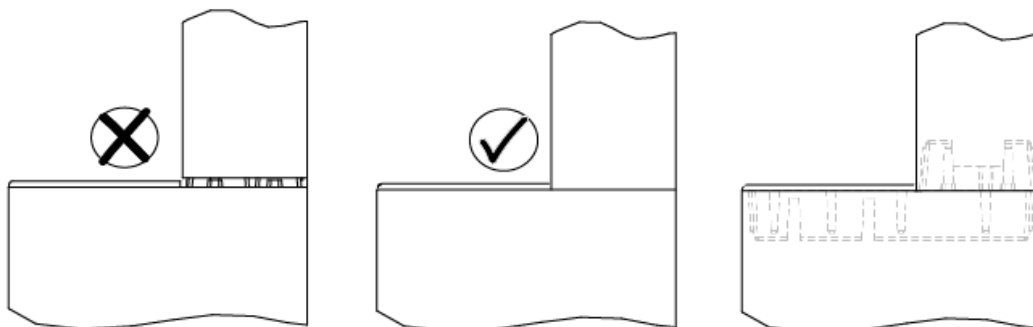
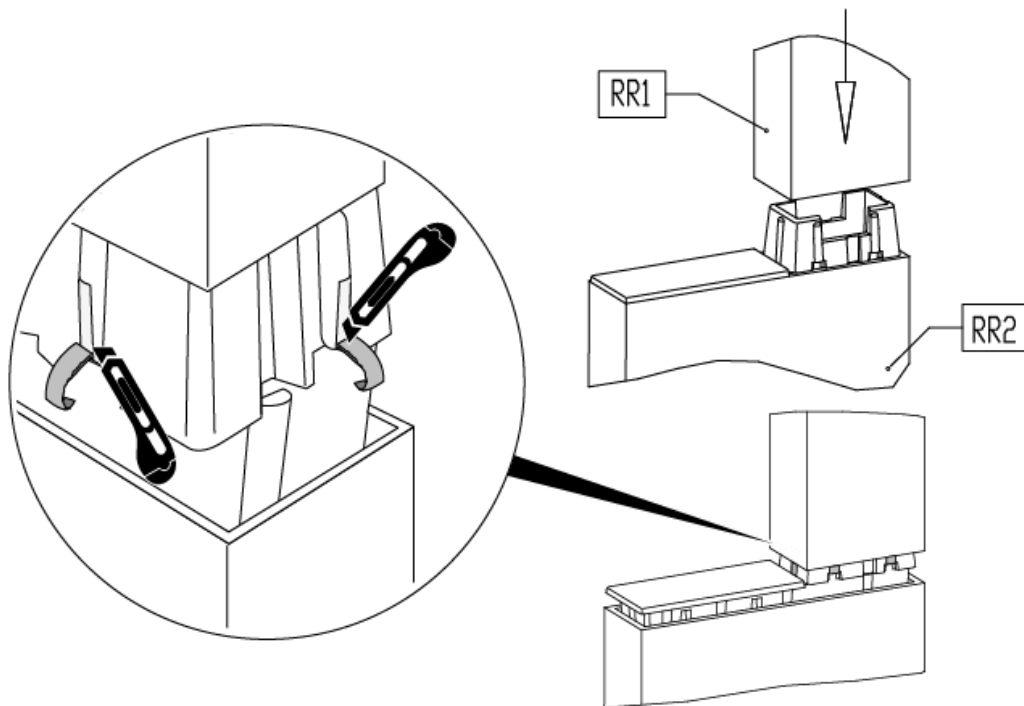
Measure dimensions of bottom edge of wall bracket **[UKw]** to bottom edge of guttering (crossbeam) **[UKd]** and trim rectangular pipe (50x30x2) accordingly.

Rectangular pipe 2 **[RR2]**:

Measure dimensions of bottom edge of guttering (crossbeam) **[UKd]** to top edge of finished floor **[OKFF]** and trim rectangular pipe (70x30x3, 100x30x3 or 120x30x3) accordingly.



1. Put rectangular pipe 1 **[RR1]** on rectangular pipe 2 **[RR2]** and remove the resulting chip (see figure).



2. When pushing them together make sure that there is no gap between rectangular pipe **[RR1]** and rectangular pipe **[RR2]**. (See figure).

6 Installing on a Terrazza

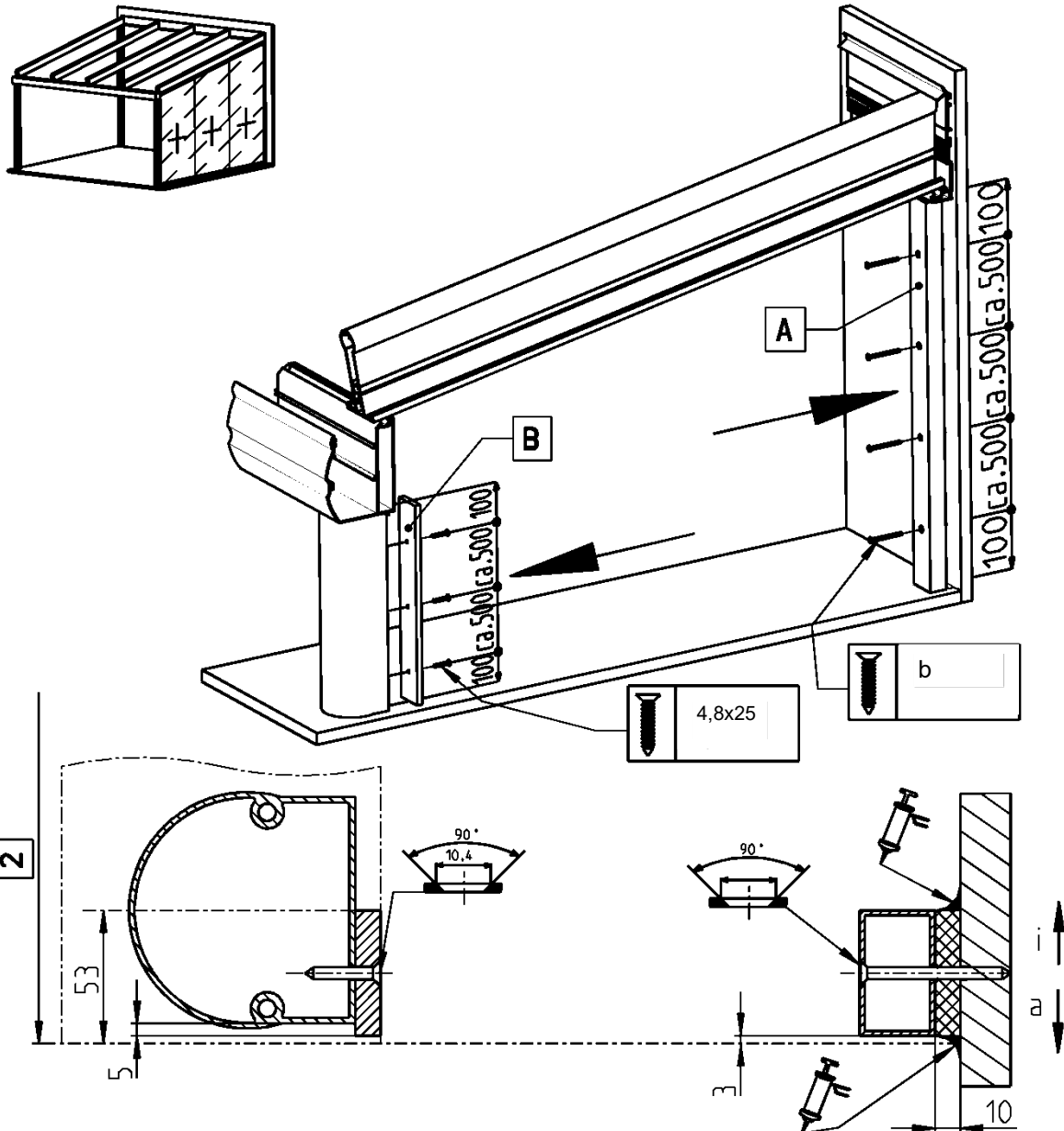
6.1 Installing a SUPER LITE w50-c side element

6.1.1 Affixing the wall gap sealing profile and the post stop profiles



If the SUPER LITE w50-c side element is fitted to a Terrazza with indented posts or to a Terrazza with roof overhang, the post stop profile (50x10 mm flat aluminium) does not normally need to be fitted.

1. Place a 10 mm shim under the 50x30 mm wall gap sealing profile **[A]** and bolt onto the wall below the Terrazza wall bracket.
2. Bolt the post stop profile (50x10 mm flat aluminium) **[B]** to the post on the Terrazza.



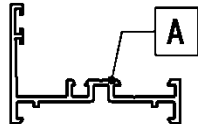
2	Width of Terrazza (length of roof guttering)	b	Screws fitted on-site (quantity will depend on installation scenario)
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6.1.2 Affixing the reveal profiles

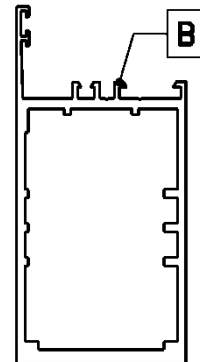


Depending on how it has been ordered, the SUPER LITE w50-c side element can be fitted either with a reveal profile 35 or reveal profile 105, which will serve as the bottom frame profile.

[A] Reveal profile 35

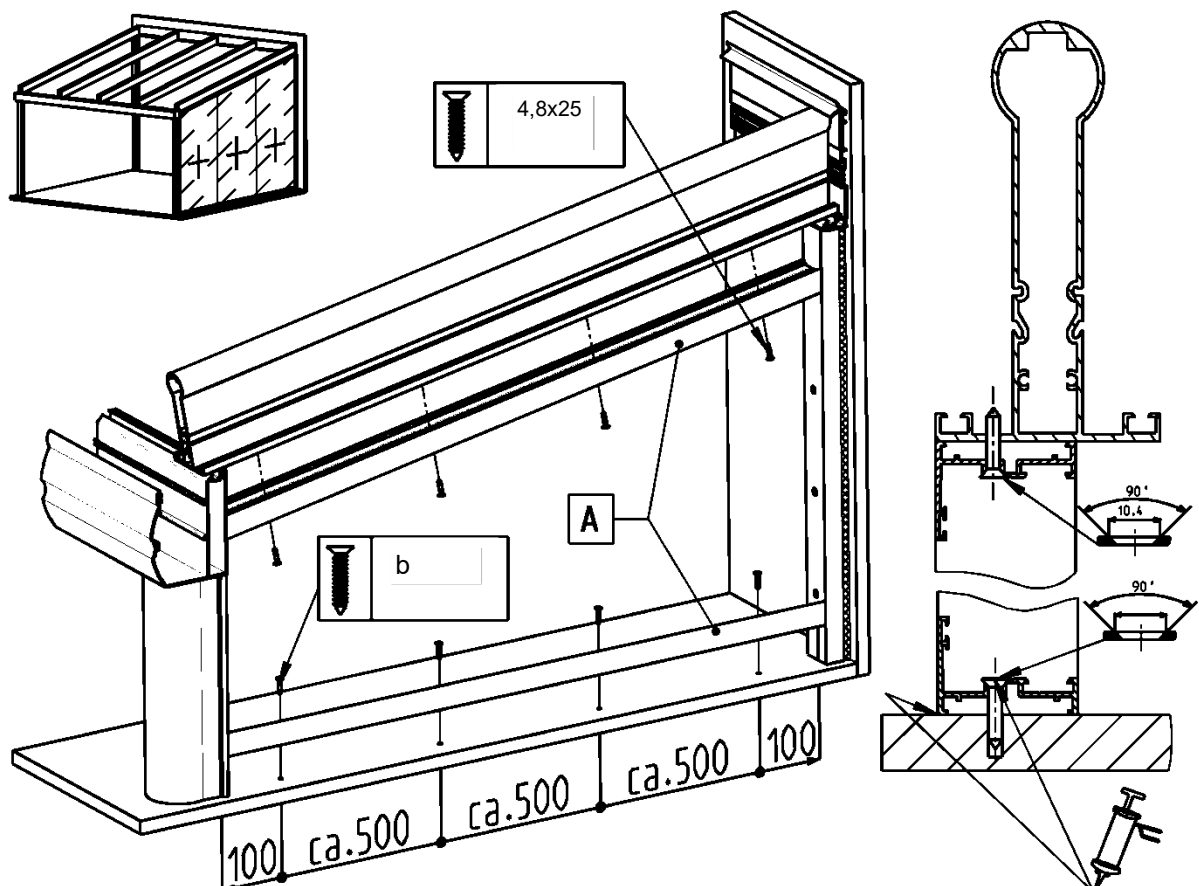


[B] Reveal profile 105



For instructions on how to install the reveal profiles on a Terrazza roof overhang and Terrazza with indented posts, see pages **Fehler! Textmarke nicht definiert.** and 18.

1. Bolt the reveal profiles **[A]** to the roof support on the Terrazza and also to the assembly base (shim the bottom reveal profile if necessary).



- b** Screws fitted on-site (quantity will depend on installation scenario)

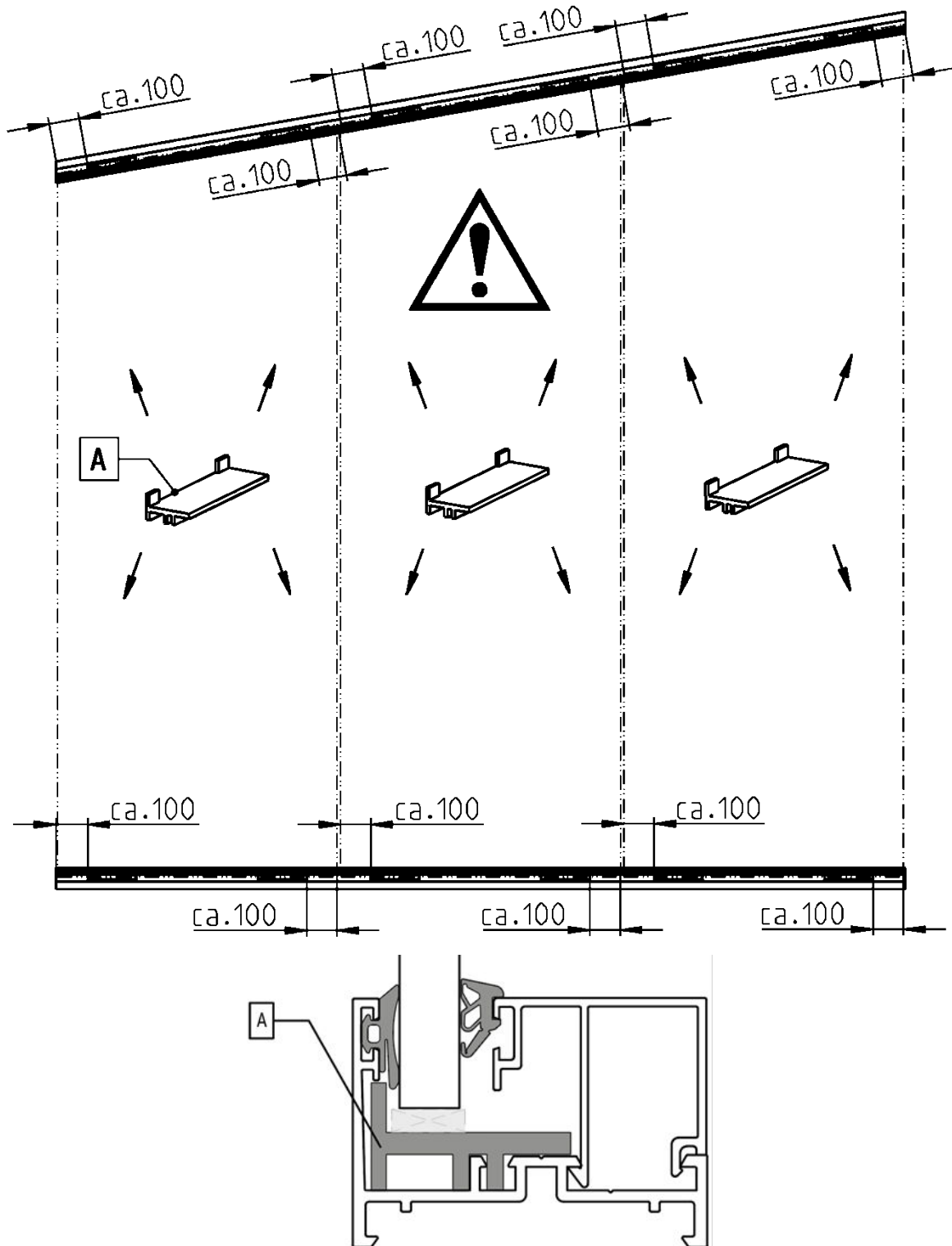
6.1.3 Inserting the glazing packers



IMPORTANT

Before inserting the glass panes, the glazing packers must be secured, e.g. glued, to prevent them slipping off to the side or detaching. This is particularly necessary for angled reveals.

1. For each pane of glass, at least two glazing packers **[A]**, one at the top and one at the bottom, need to be placed inside the reveal profiles, as shown in the drawing.



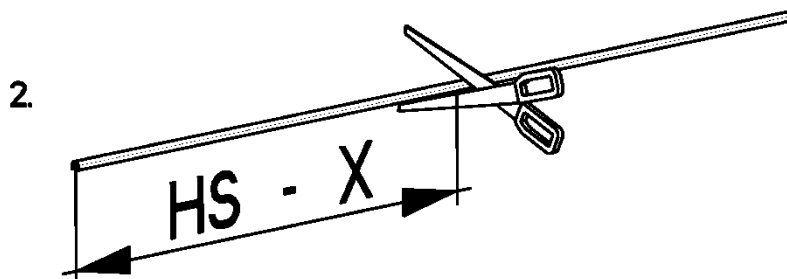
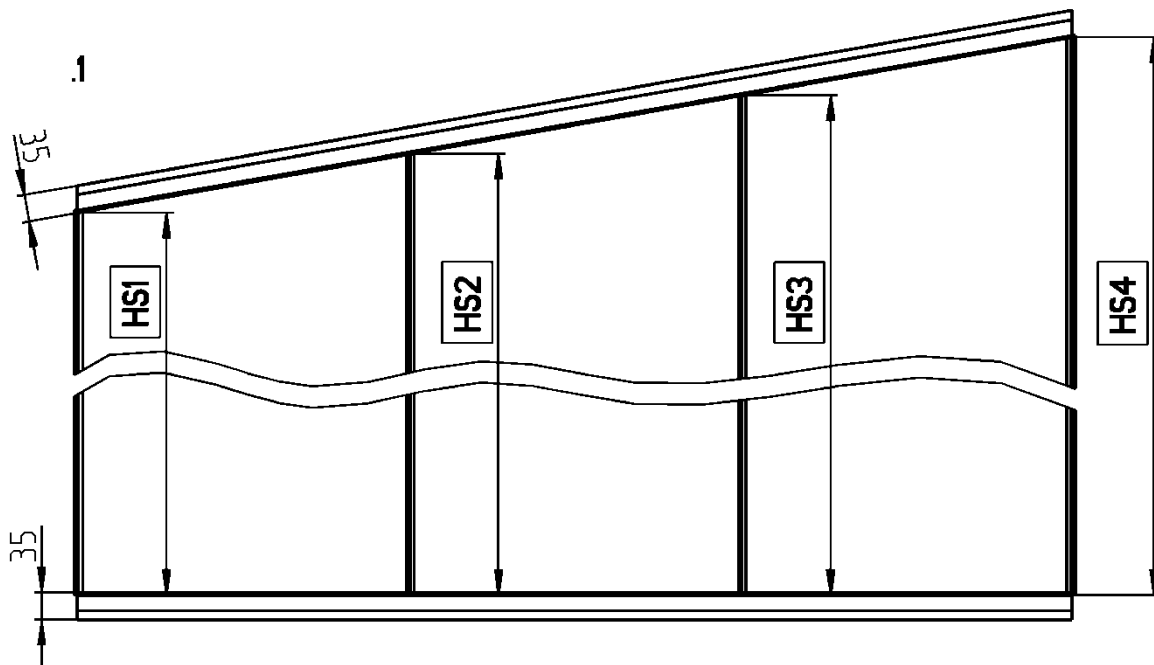
6.1.4 Inserting the gap seals (optional)



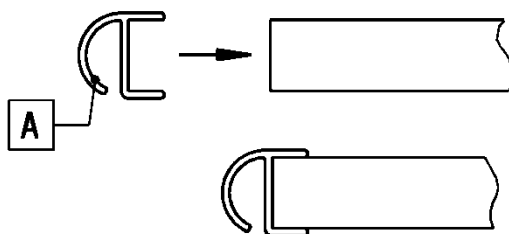
IMPORTANT

The gap seals must be attached to the glass panes before inserting the glass panes. It is impossible or very difficult to fit the gap seals after the panes have been inserted.

1. Determine the maximum heights **[HS]** of the gap seals **[A]**.
2. Trim the gap seals to the required size. The gap seal should be trimmed somewhat shorter to ensure that it does not get trapped between the top and bottom frames. ($HS - X$)
3. Attach the gap seals to the glass panes.



3.



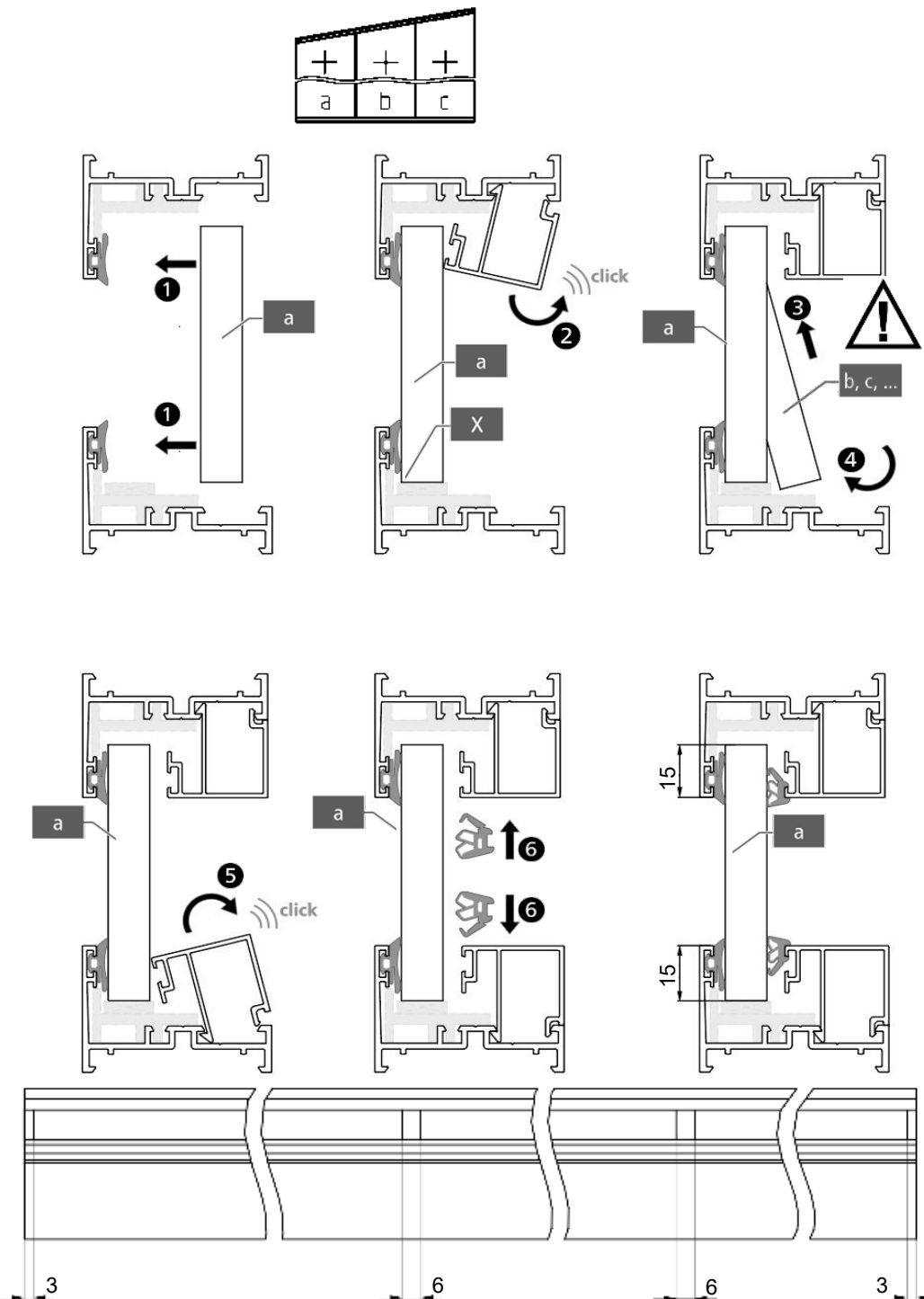
6.1.5 Inserting the glazing



IMPORTANT

If several glass panes are in use, the already inserted panes are only secured using the glazing bead. If required, be sure to secure the glazing bead to prevent it from detaching.

1. Insert the (first) pane (a) between the profiles.
2. Clip the glazing bead onto the top of the pane.
3. Where applicable, insert the other panes (b, c, ...) into the upper profile at an angle and then 4. swivel in the bottom end.
5. Clip the glazing bead onto the bottom of the pane.
6. Insert the wedge seals.

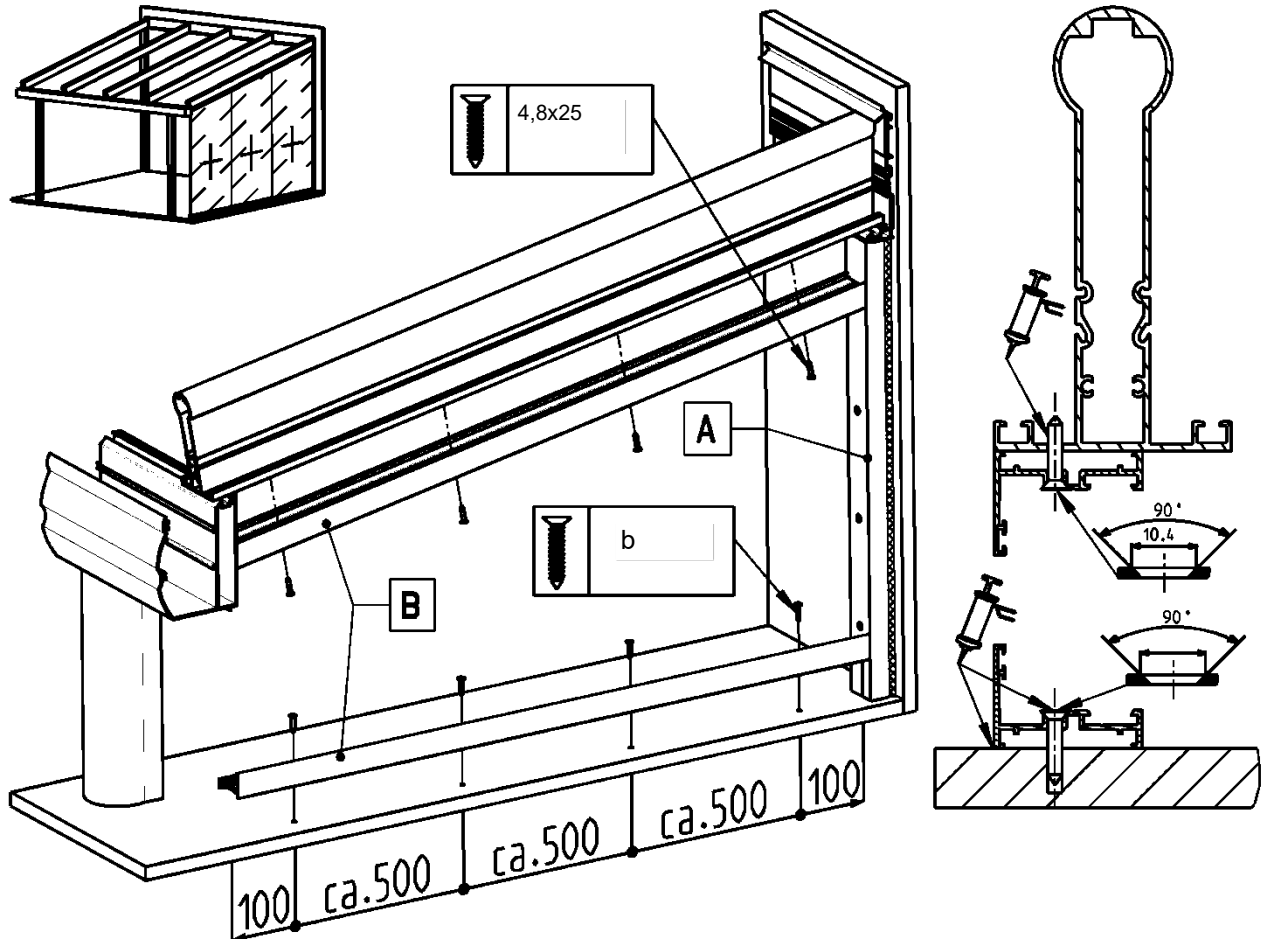


6.1.6 Fitting the reveal profiles to a Terrazza with indented posts



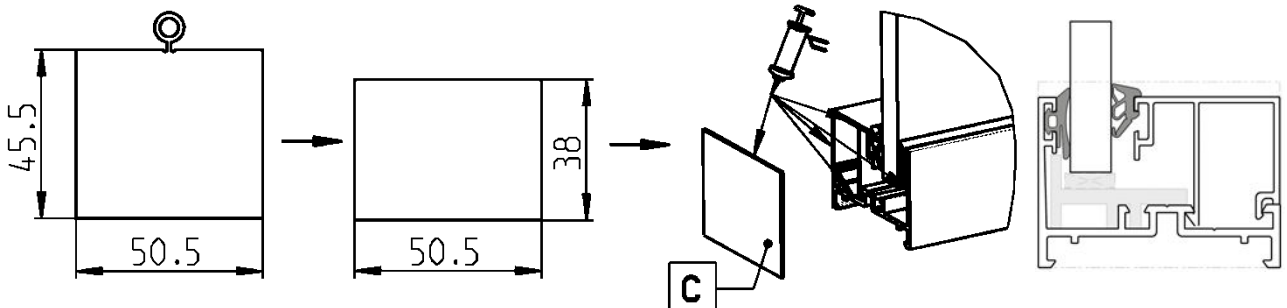
Bolt on the wall gap sealing profile **[A]** in the same way as for a Terrazza without indented posts. The post stop profile (50x10 flat aluminium) does not need to be fitted here.

1. Fit the 50x30 mm wall gap sealing profile **[A]** as described on page 13.
2. Bolt the reveal profiles **[B]** to the roof support on the Terrazza and also to the assembly base (shim the bottom reveal profile if necessary).



Only fit the cover plate once the glass panes and glazing beads have been inserted.

3. Trim the cover plate **[C]** to the height shown. Then glue it to the front of the reveal profile. Seal all the way round the cover plate.



b Screws fitted on-site (quantity will depend on installation scenario)

6.2 Installing a LITE w50-c side element

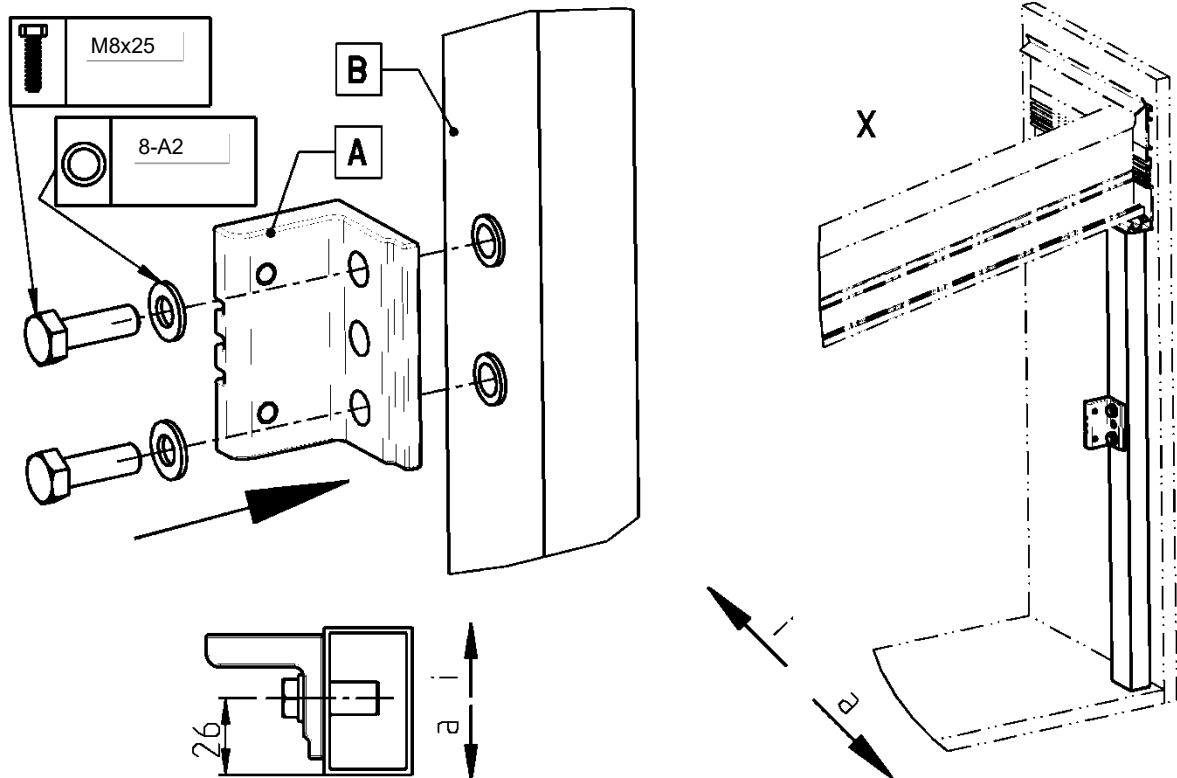
6.2.1 Pre-installing the wall gap sealing profile and the bottom reveal profile



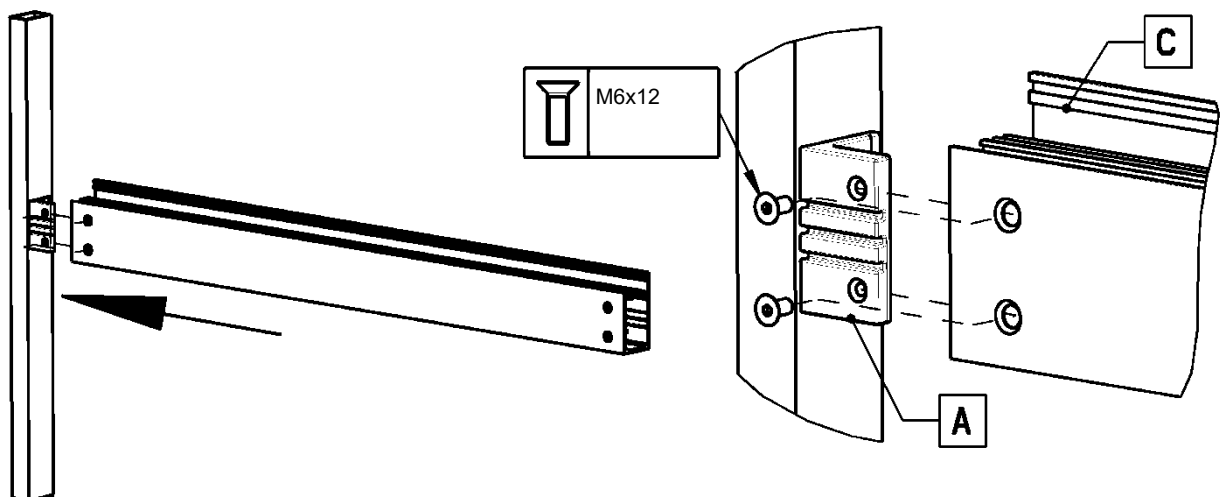
IMPORTANT

The wall gap sealing profile is not bolted to the wall until later. View **X** has only been included to illustrate more clearly how to bolt and/or align the angle bracket. If the wall gap sealing profile is already affixed to the wall at this time, the following installation steps can no longer be carried out.

1. Bolt the angle bracket **[A]** to the wall gap sealing profile **[B]**.



2. Slide reveal profile 105 **[C]** over the angle bracket **[A]** and bolt together.



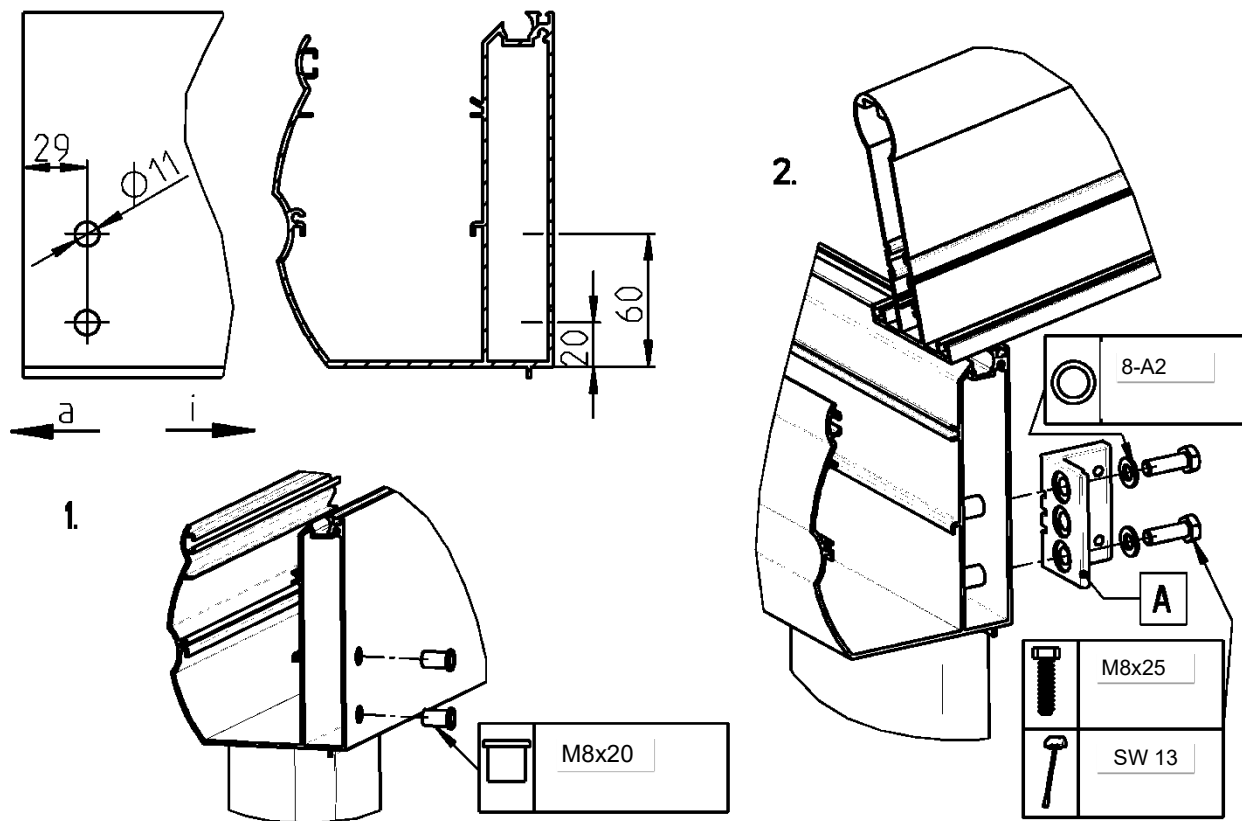
a	Exterior	i	Interior
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6.2.2 Bolting the angle bracket to the guttering and/or crossbeam



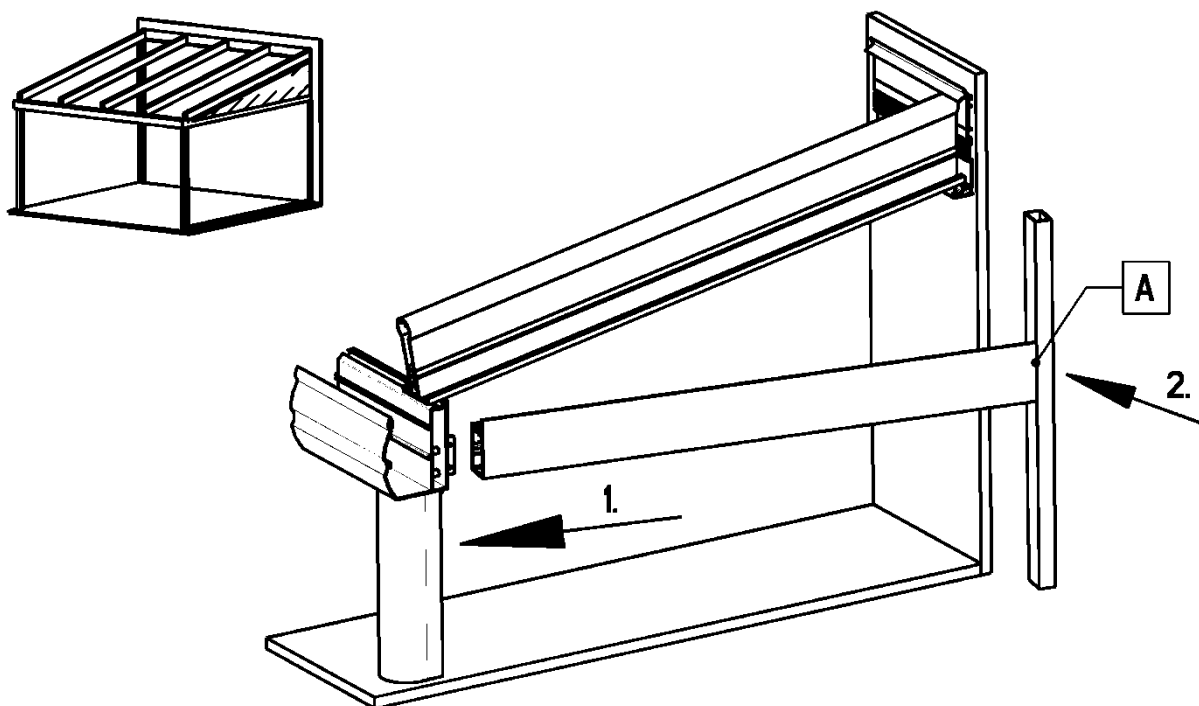
If the LITE w50-c side element was ordered at the same time as the Terrazza, the blind rivet nuts will already be inserted into the guttering/crossbeam.

1. Drill holes into the guttering and insert the blind rivet nuts.
2. Bolt the angle bracket **[A]** onto the guttering.

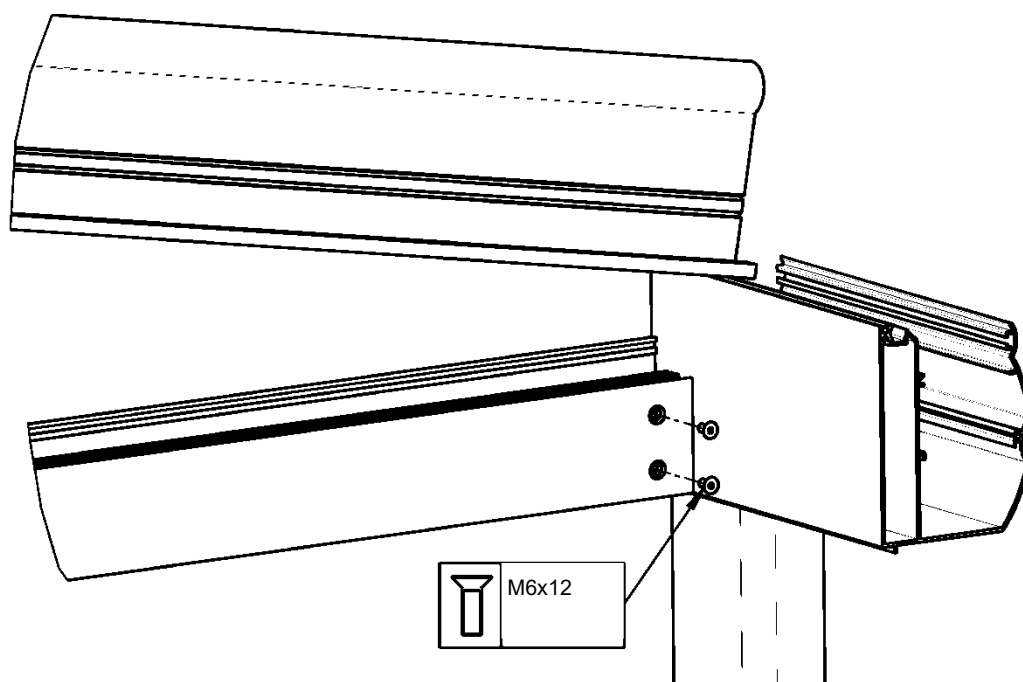


6.2.3 Bolting the pre-fitted profiles

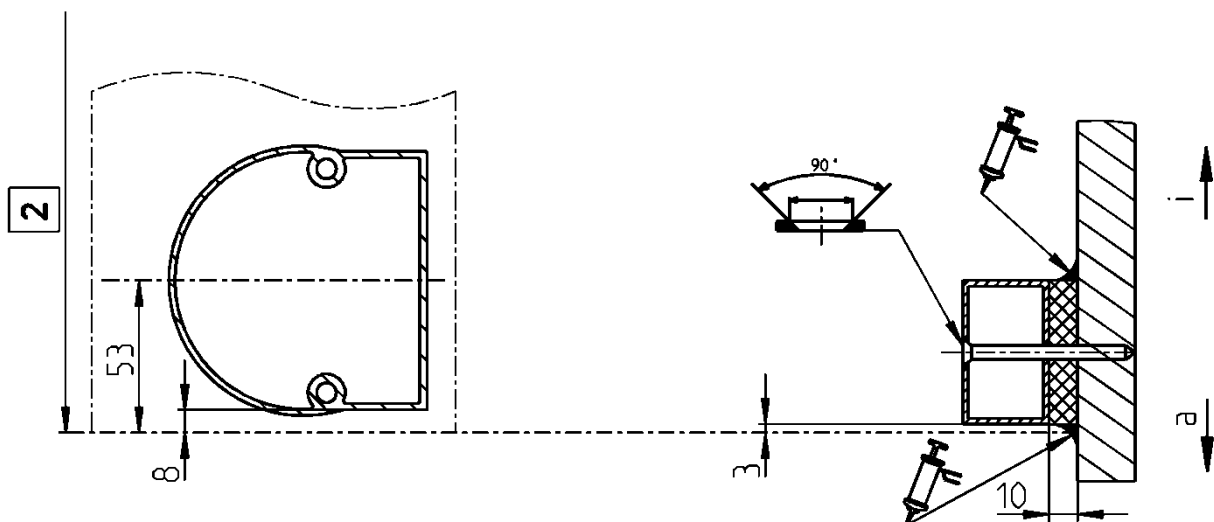
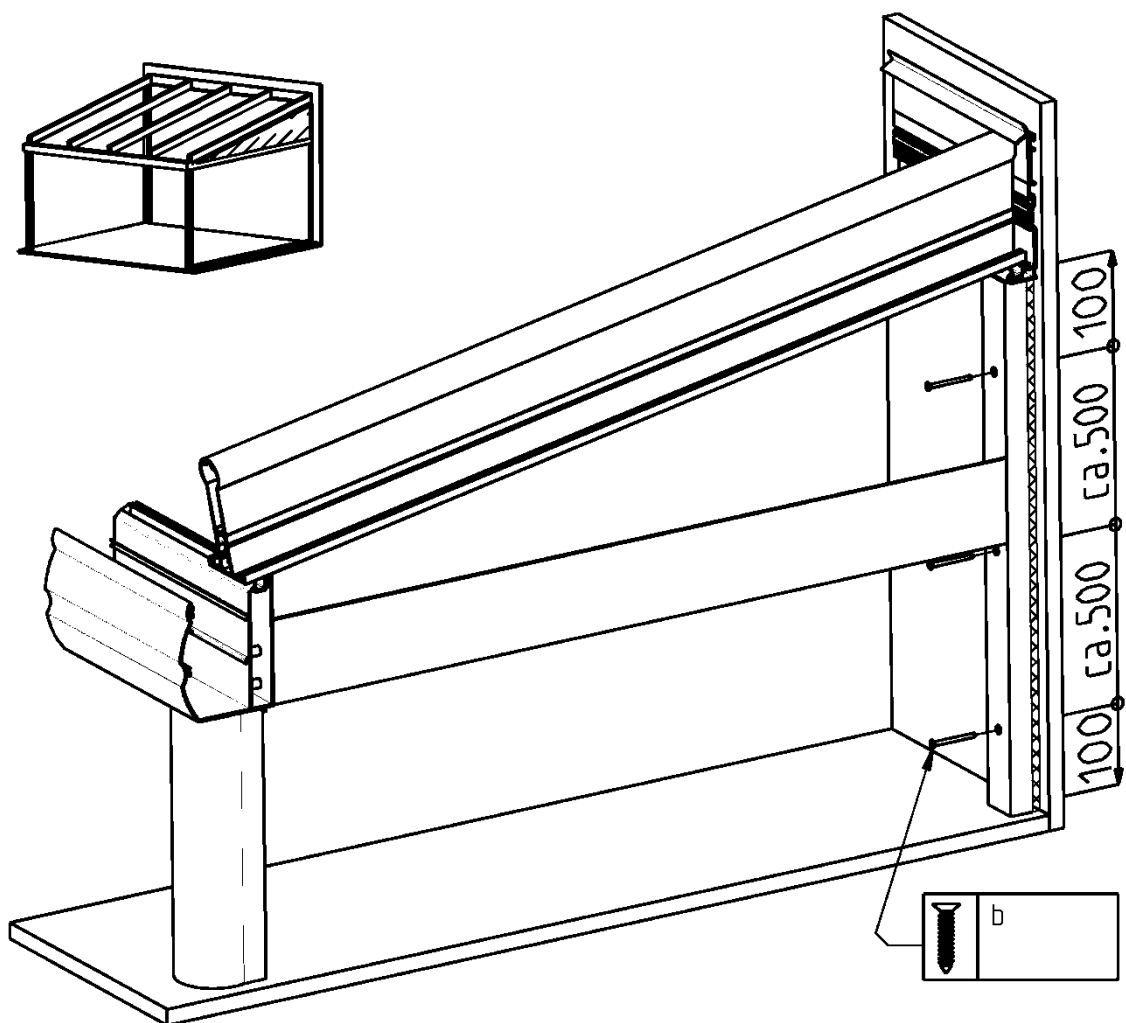
1. Slightly angle the pre-fitted profiles **[A]** and slide them over the angle bracket on the guttering.
2. Swivel the profiles in place below the wall bracket.



3. Bolt the pre-fitted profiles to the angle bracket affixed to the guttering.



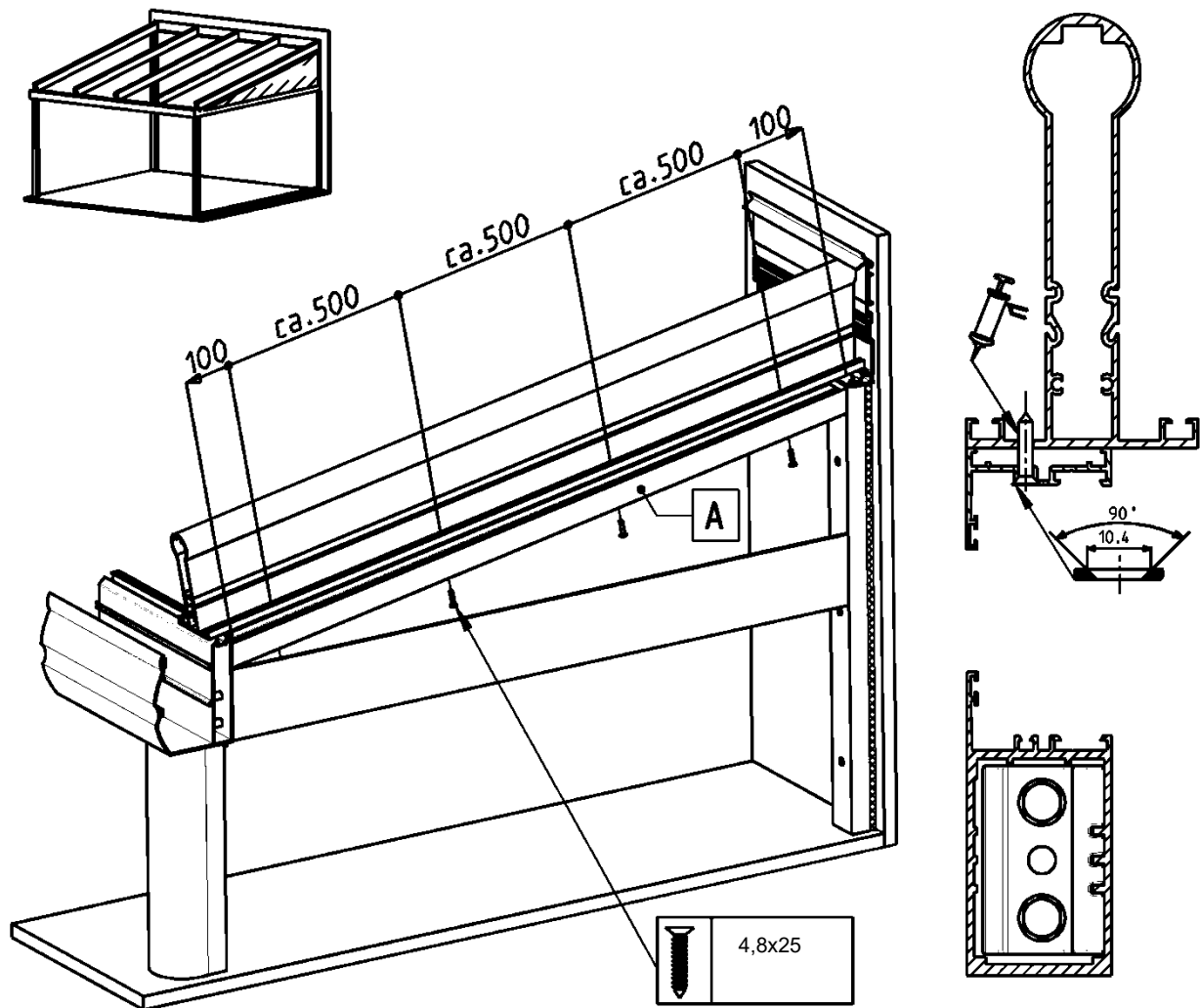
4. Place a 10 mm shim under the pre-fitted profiles and bolt onto the wall below the Terrazza wall bracket.



2	Width of Terrazza (length of roof guttering)	a	Exterior	i	Interior
b	Screws fitted on-site (quantity will depend on installation scenario)				

6.2.4 Bolting the top reveal profile

1. Bolt the top reveal profile **[A]** to the roof support.



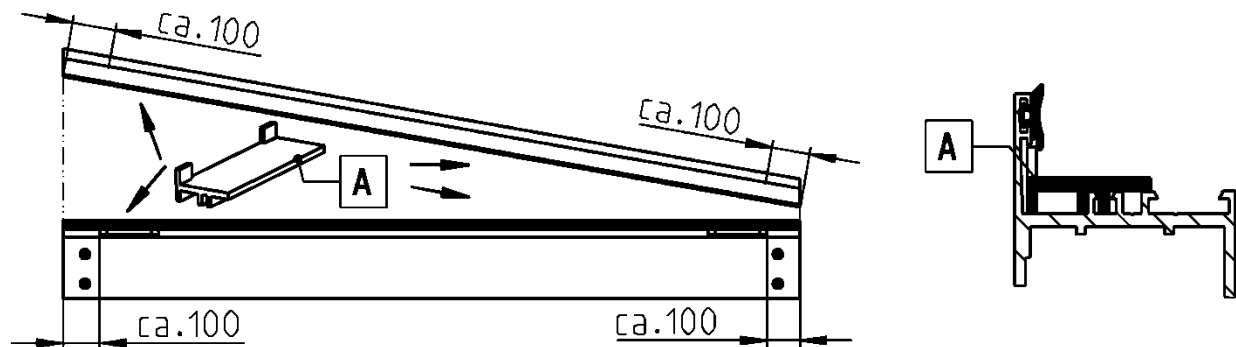
6.2.5 Inserting the glazing packers



IMPORTANT

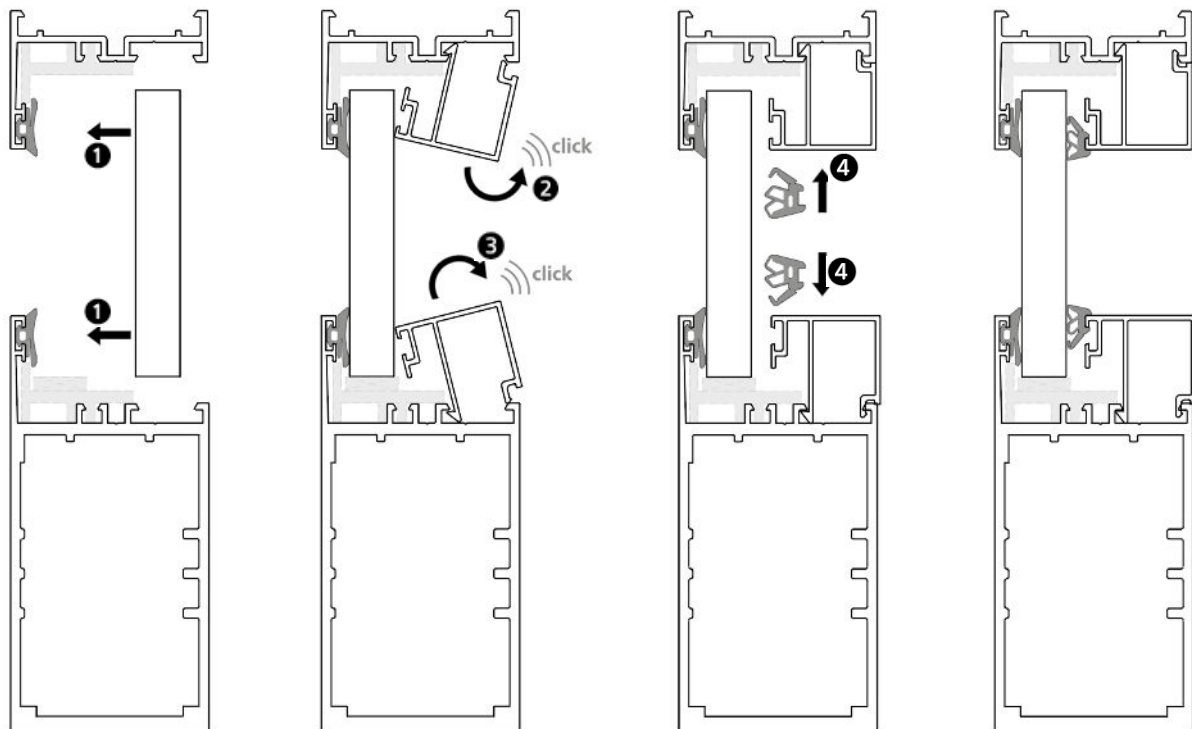
Before inserting the glass panes, the glazing packers must be secured, e.g. glued, to prevent them slipping off to the side or detaching. This is particularly necessary with angled reveals.

1. Place at least two glazing packers **[A]**, one at the top and one at the bottom, inside the reveal profiles, as shown in the drawing.



6.2.6 Inserting the glazing

1. Insert the glass pane between the profiles.
2. Clip the glazing bead onto the top of the pane.
3. Clip the glazing bead onto the bottom of the pane.
4. Insert the wedge seals.



7 Fitting to a PergoTex IIb

7.1 Installing a LITE w50-c side element

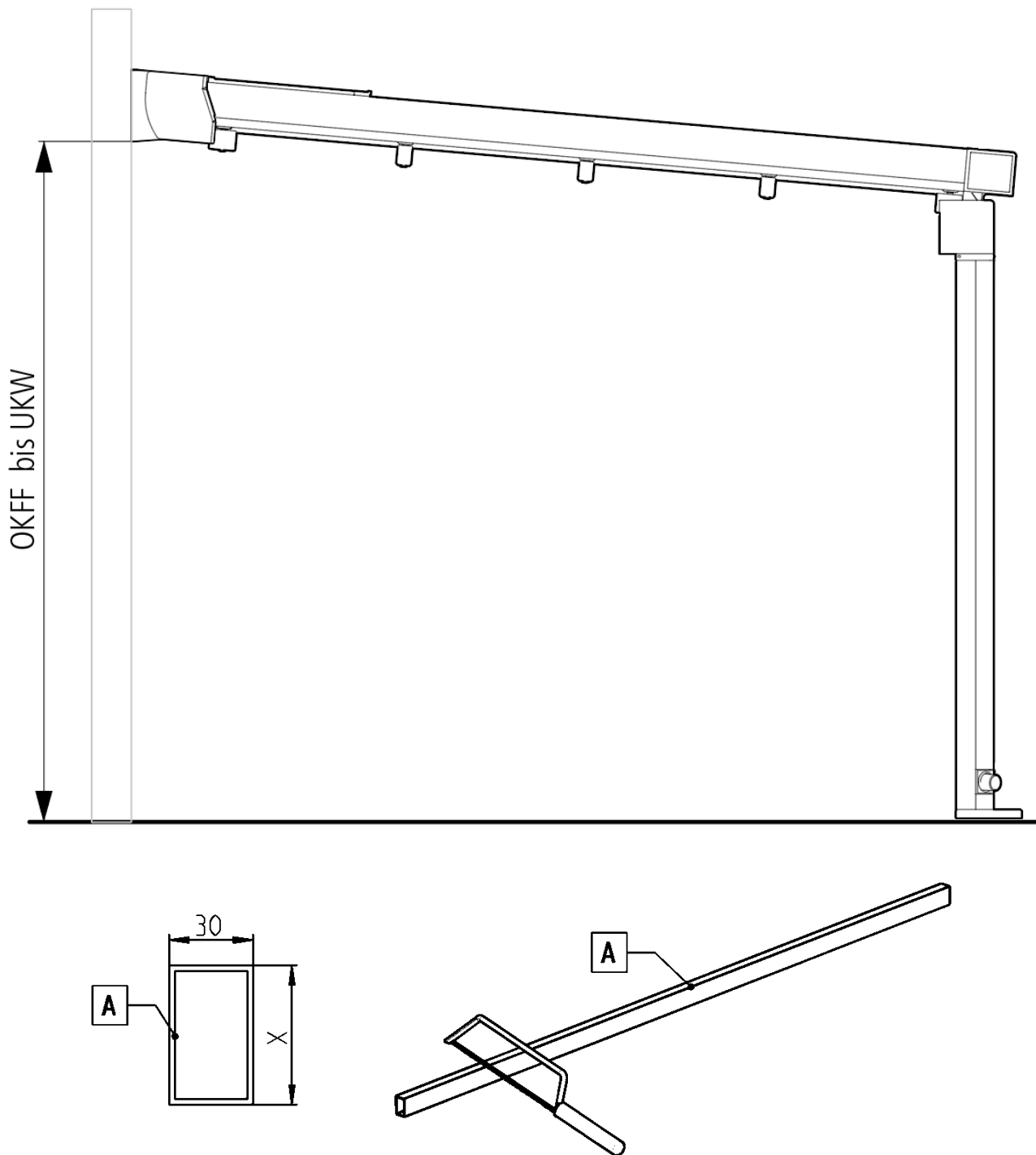
7.1.1 Determining and trimming the length of the wall gap sealing profile



If a LITE w50-c side element was ordered for a PergoTex IIb, no trimming work will be required.

1. Determine the dimensions for OKFF to UKw and trim the wall gap sealing profile **[A]** accordingly.

The possible widths of the wall gap sealing profile are: **X** = 50 mm/70 mm/100 mm/120 mm



OKFF Top edge of finished floor

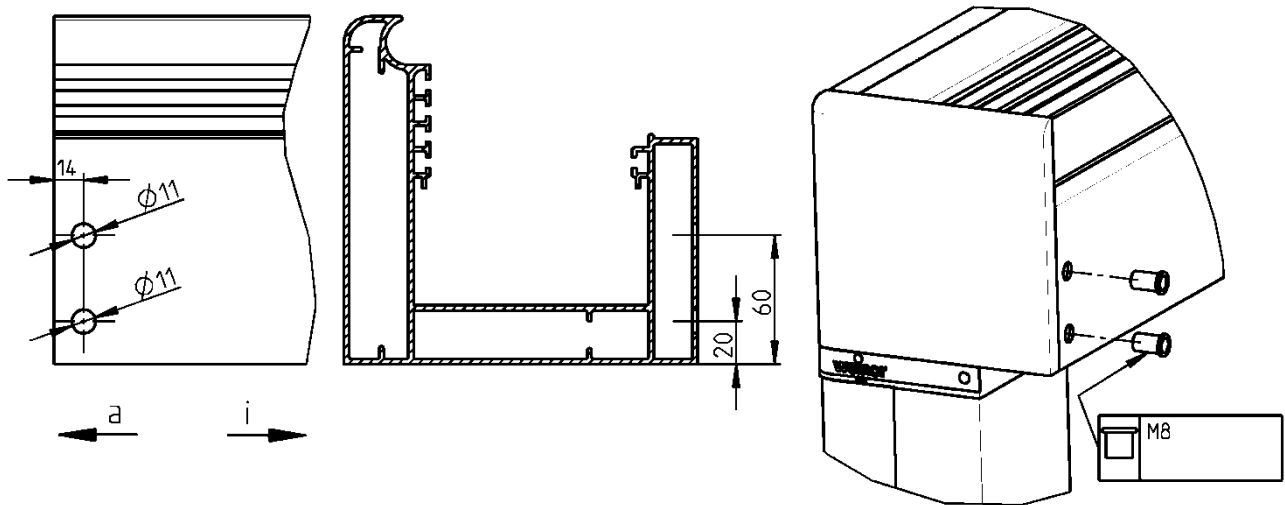
UKw Bottom edge of wall bracket

7.1.2 Affixing the angle bracket to the guttering

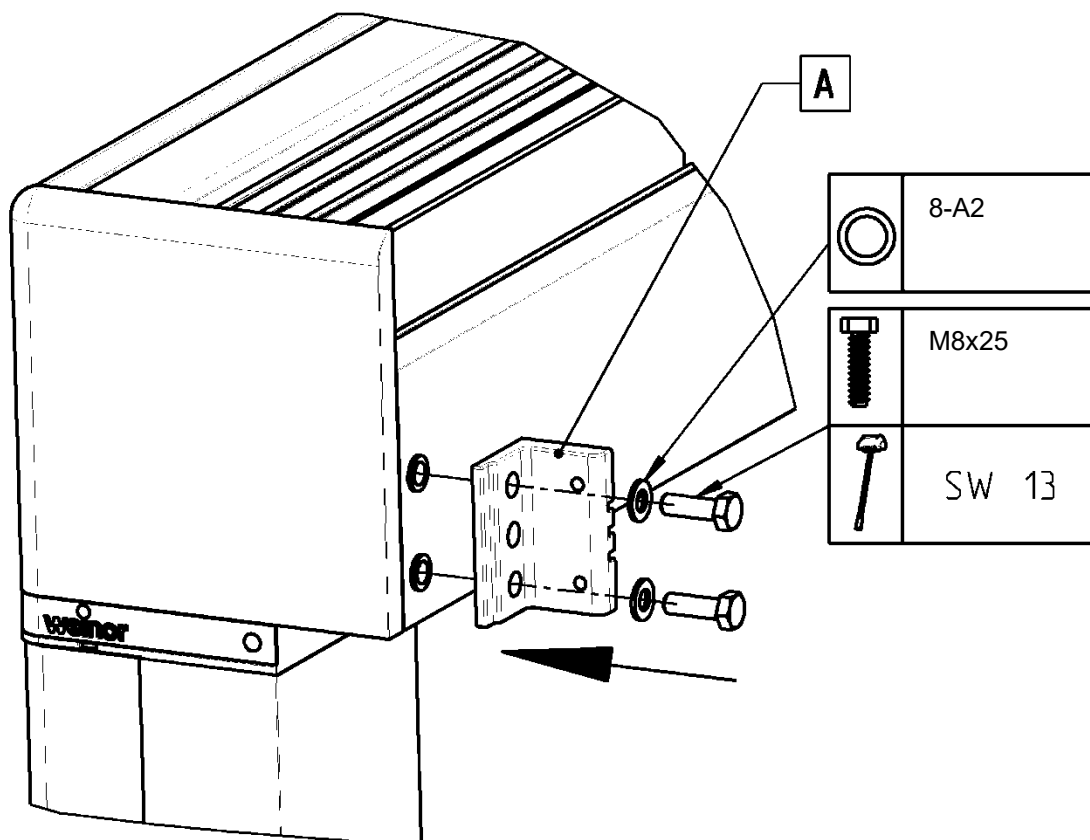


If the SUPER LITE w50-c side element was ordered for a PergoTex IIb, the blind rivet nuts will already be inserted into the guttering.

1. Drill holes into the guttering and insert the M8 blind rivet nut.



2. Bolt the angle bracket **[A]** onto the guttering.

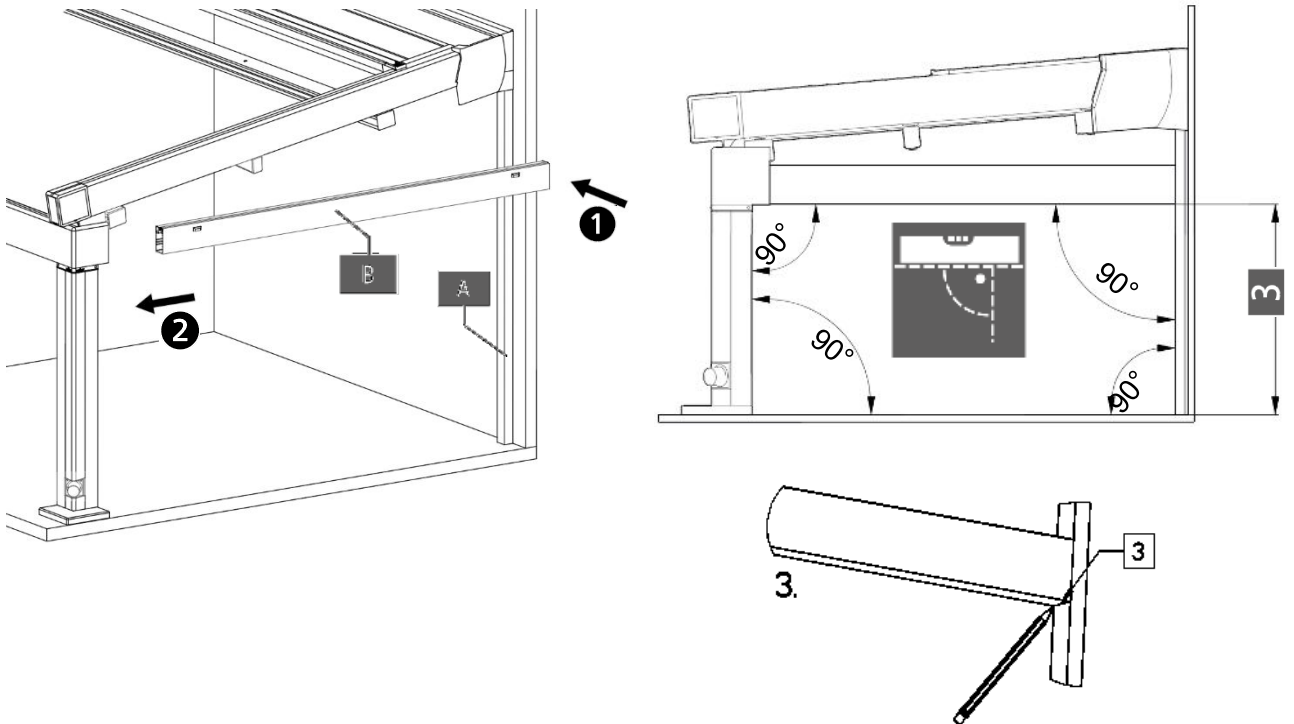


7.1.3 Affixing the angle bracket to the wall gap sealing profile

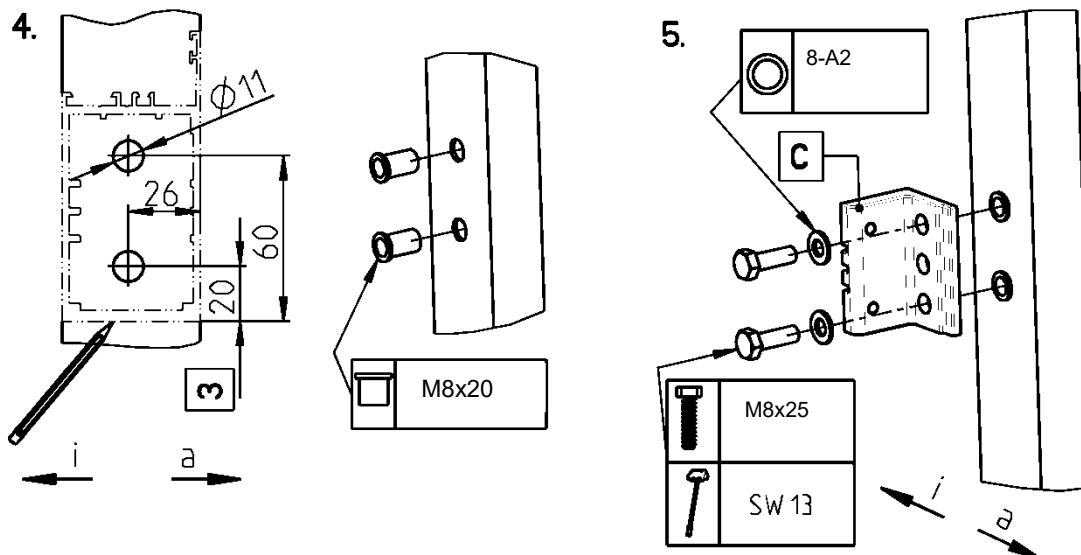


If the SUPER LITE w50-c side element was ordered for a PergoTex IIb, the blind rivet nuts will already be inserted into the wall gap sealing profile.

1. Position the wall gap sealing profile **[A]** under the PergoTex IIb (Caution!!!: Only secure, do not tighten.)
2. Slide the reveal profile **[B]** over the angle bracket on the guttering and swivel into position between the guttering and the wall gap sealing profile. Align the frame profile so it runs parallel to the OKFF (TEFF)
3. Mark the bottom edge **[3]** of the reveal profile on the wall gap sealing profile.



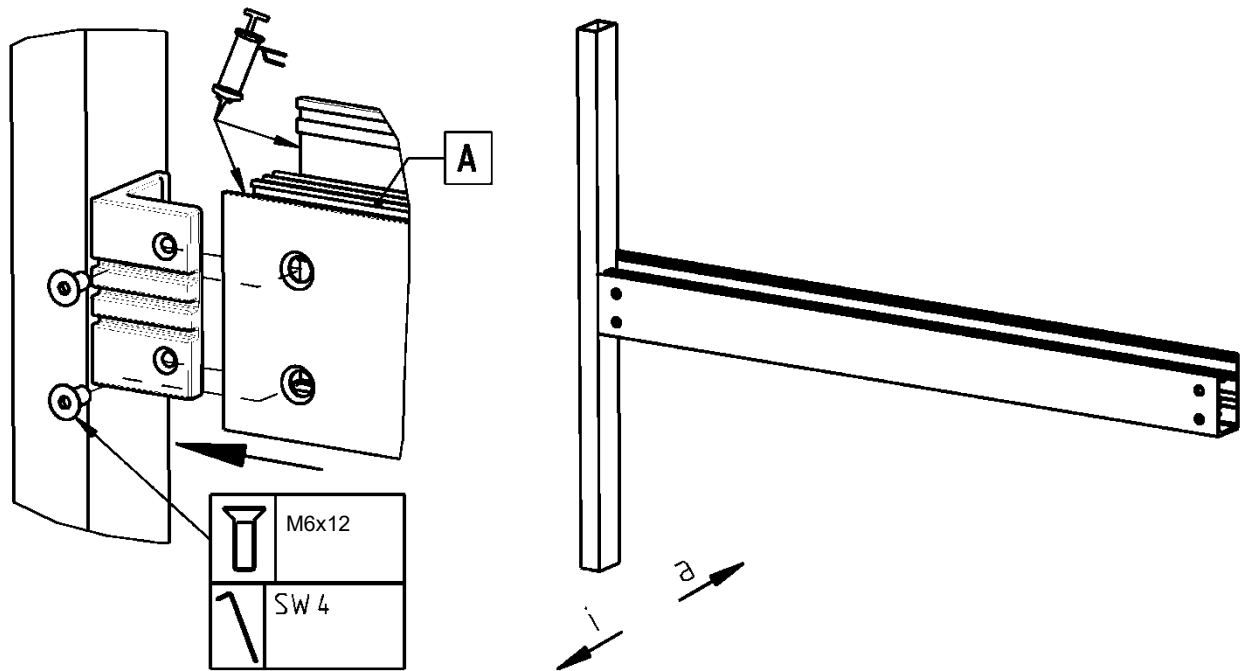
4. Drill holes for the blind rivet nuts and insert.
5. Bolt the angle bracket **[C]** onto the wall gap sealing profile.



3	Top of finished floor (OKFF/TEFF) to bottom edge of guttering	a	Exterior	i	Interior
---	---	---	----------	---	----------

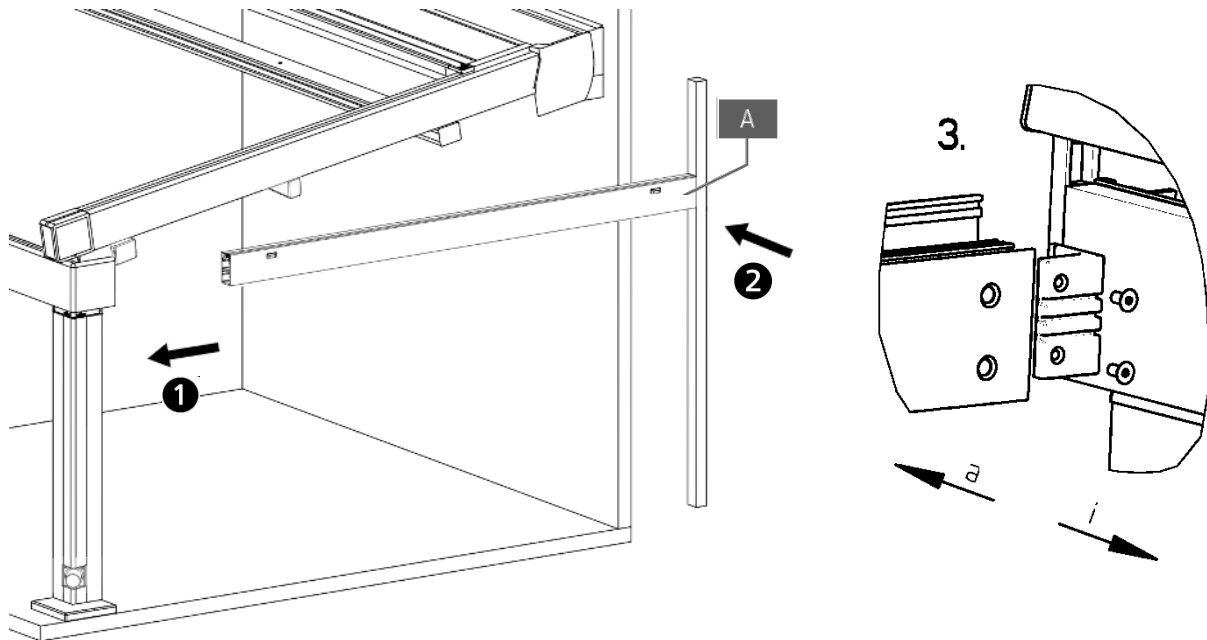
7.1.4 Pre-fitting the wall gap sealing profile and the bottom reveal profile

1. Slide the reveal profile **[A]** over the angle bracket on the wall gap sealing profile, then bolt in place and seal.



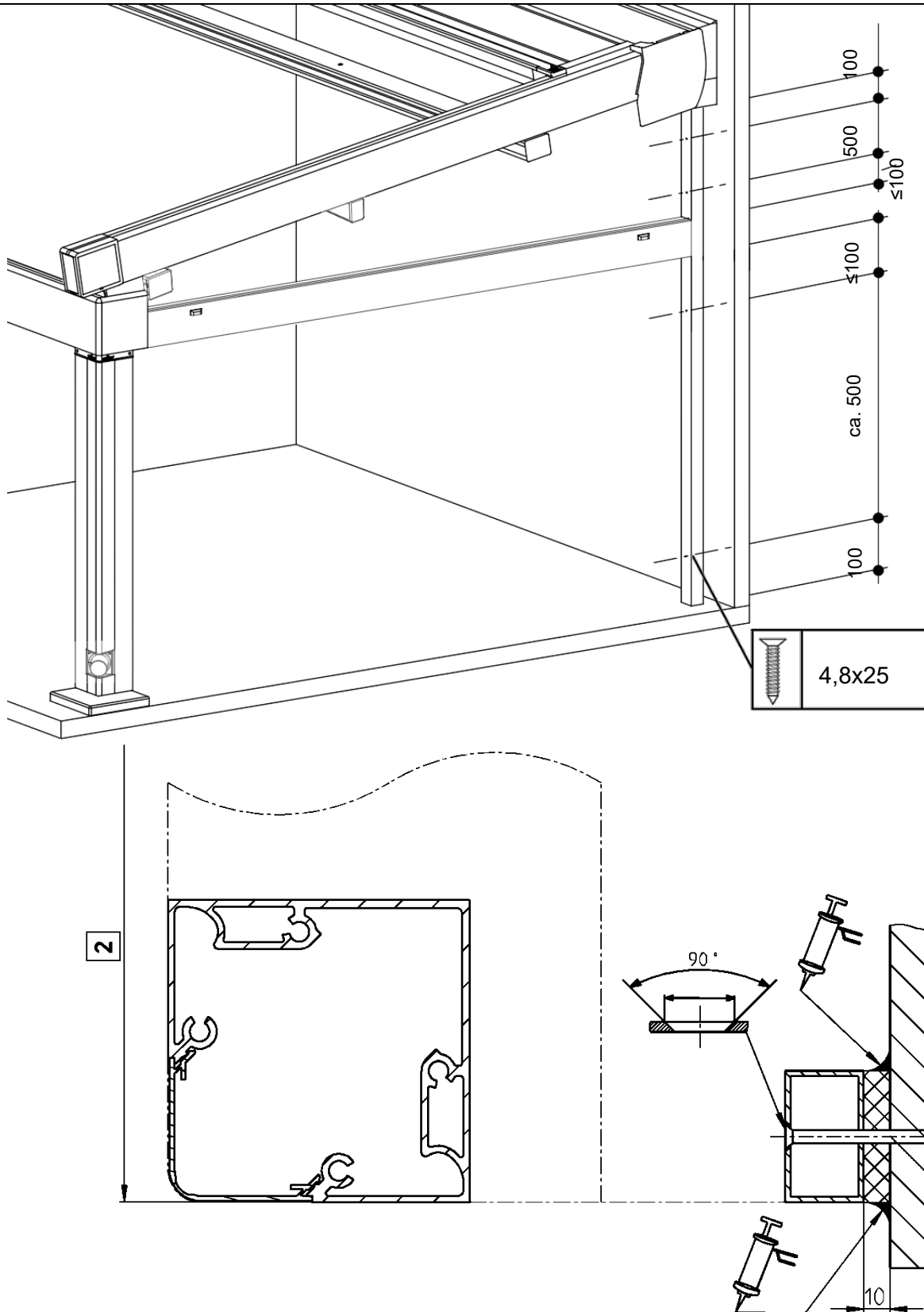
7.1.5 Bolting the pre-fitted profiles

1. Bolt the pre-fitted profiles **[A]** to the angle bracket affixed to the guttering.
2. Swivel the profiles into place under the PergoTex IIb.
3. Bolt the profiles to the angle bracket affixed to the guttering. Seal the reveal profile on the side connected to the guttering.



a	Exterior	i	Interior
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4. Place a 10 mm shim between the pre-fitted profiles and the wall and bolt to the wall.



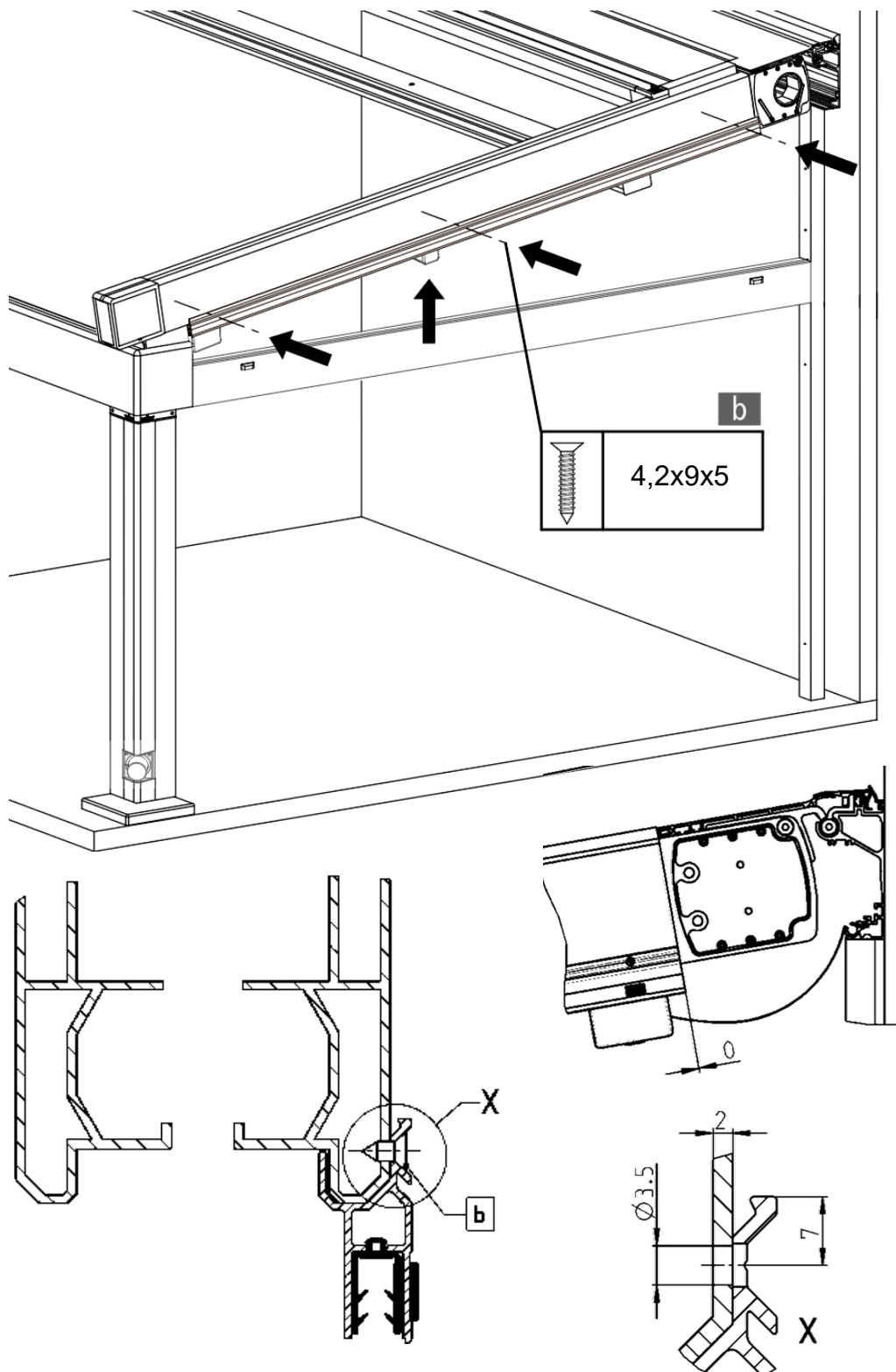
2	Width of PergoTex IIb			
a	Exterior	i	Interior	b Screws fitted on-site (quantity will depend on installation scenario)

7.1.6 Bolting the glass retainer inside



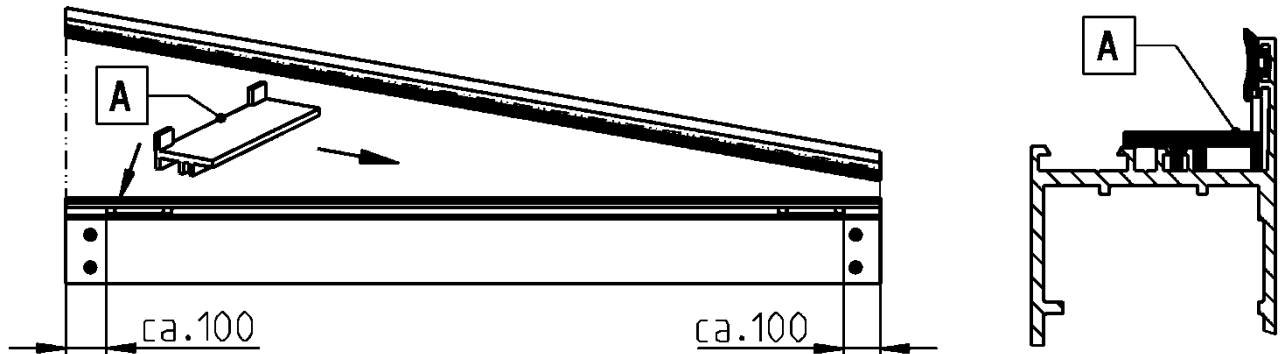
The red protection foil of the tape strips must not yet be taken off. This will only be done under item "Affixing the glass retainer outside".

1. The holes for the 2.9x9.5 screws have been pre-drilled inside the glass retainer profile and are evenly distributed across the entire length of the glass retainer profile. Affix the glass retainer inside to the side channel as shown using the 4.2x9.5 screws [b].



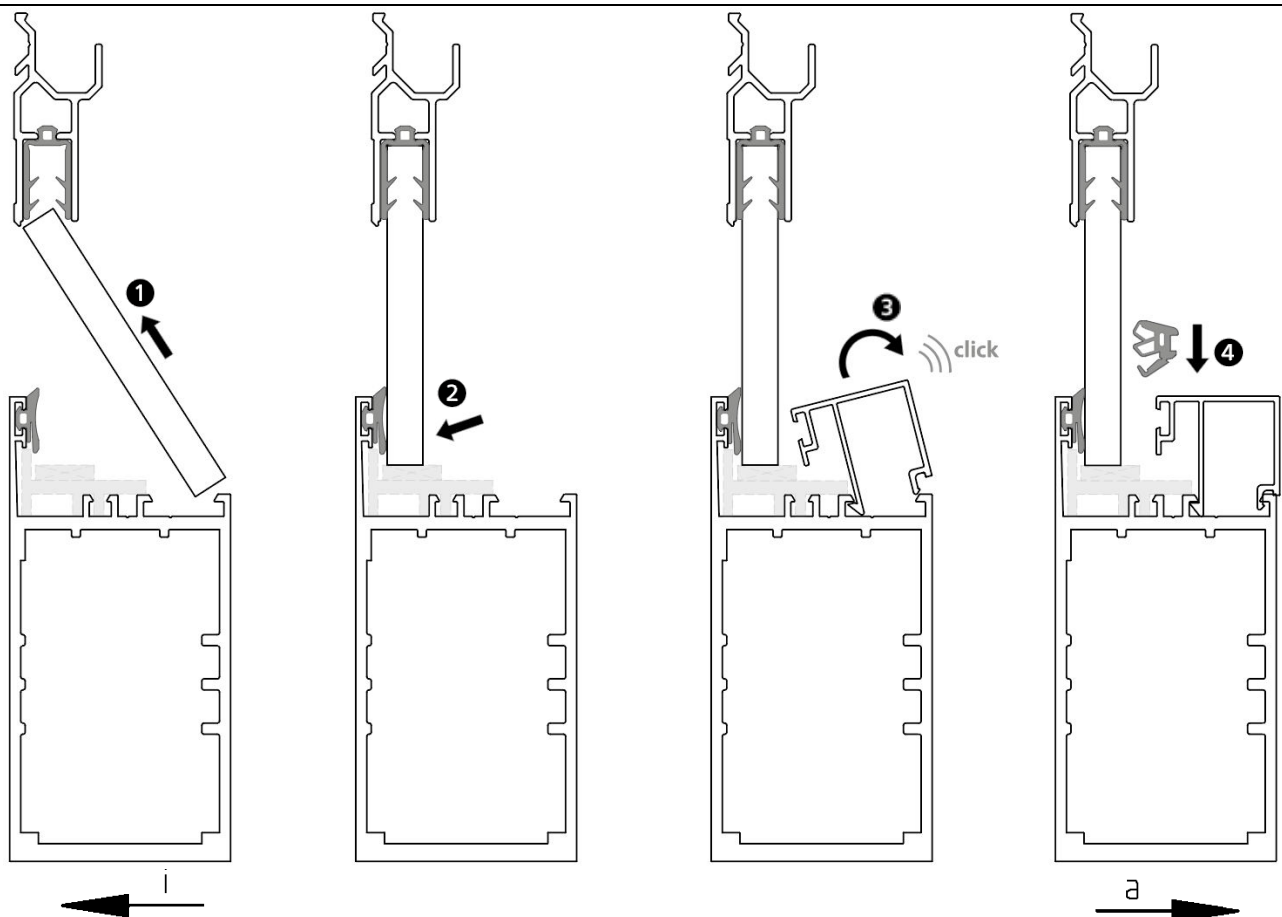
7.1.7 Inserting the glazing packers

1. Place at least 2 glazing blocks **[A]** per metre (including incomplete lengths) in the reveal profile. Equally distribute the glazing blocks across the entire length.



7.1.8 Inserting the glazing

2. Diagonally insert the glass into the glass retainer.
3. Swivel the glass into the reveal profile.
4. Clip the glazing bead onto the bottom of the pane.
5. Push the wedge seal in between the glass and the glazing bead.



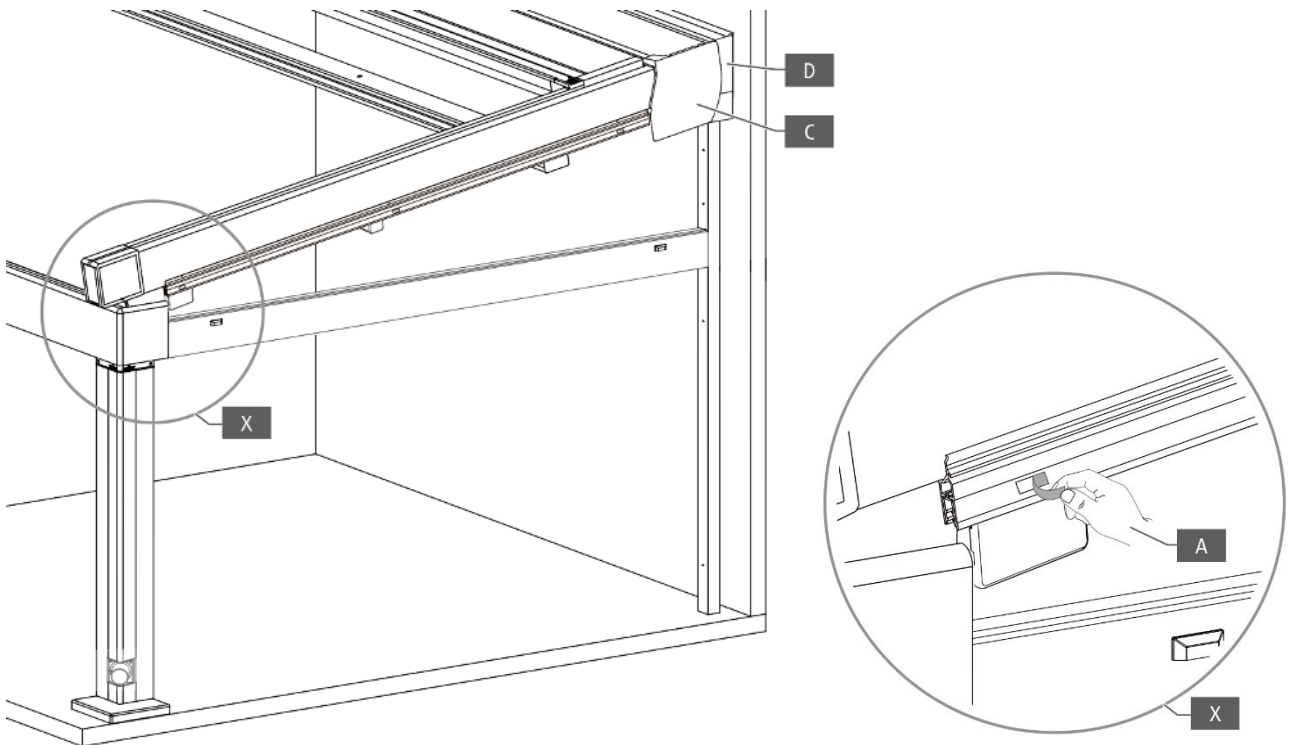
a	Exterior	i	Interior
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7.1.9 Bolting the glass retainer outside

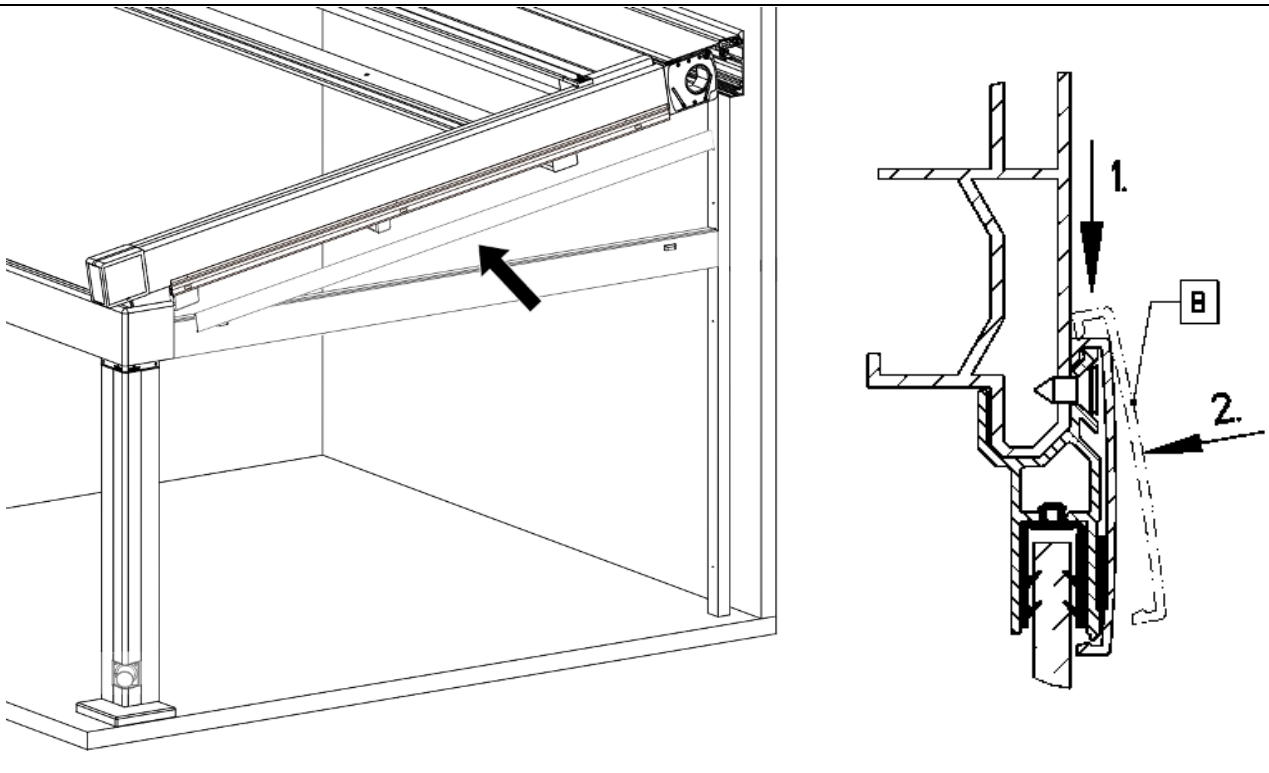


The wall connection cover cap **[C]** and the wall connection cover plate **[D]** must be removed so that the glass retainer can be installed.

1. Take off the red protection foil **[A]** of the tape strips outside on the glass retainer.

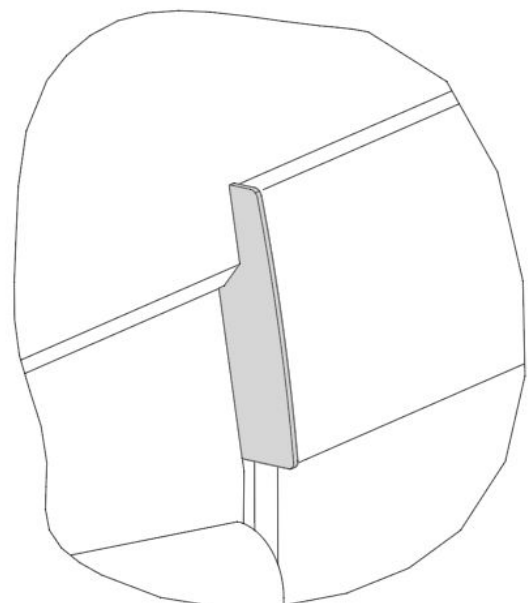
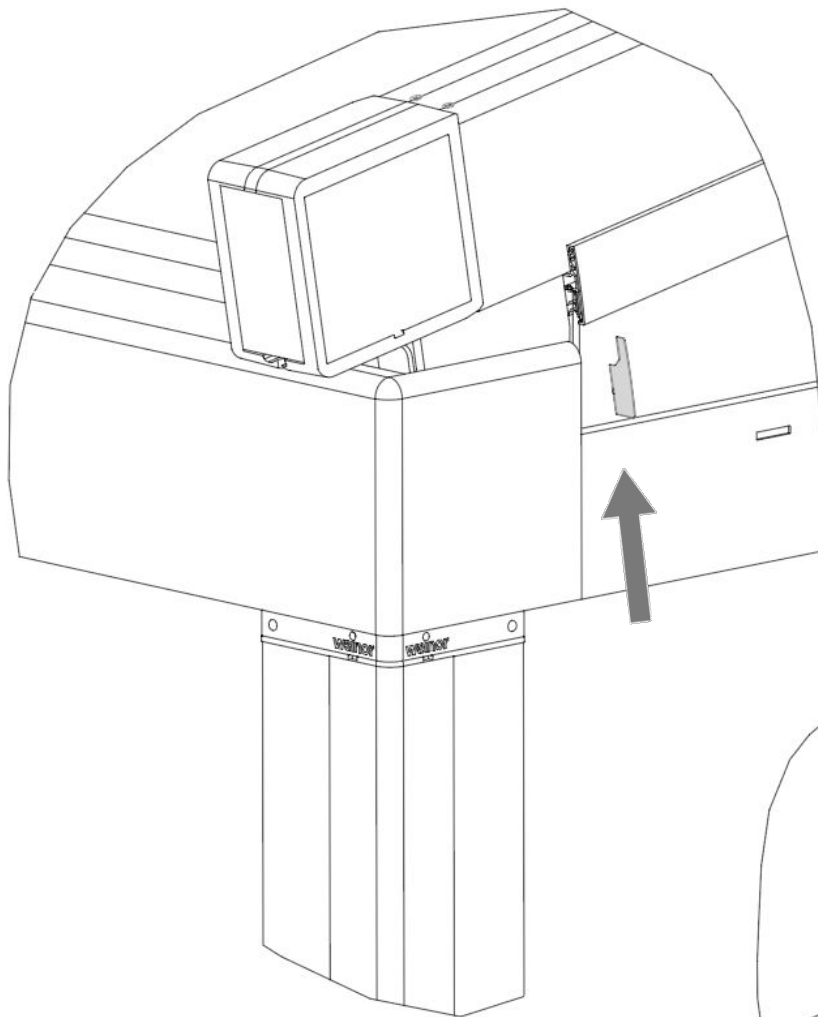
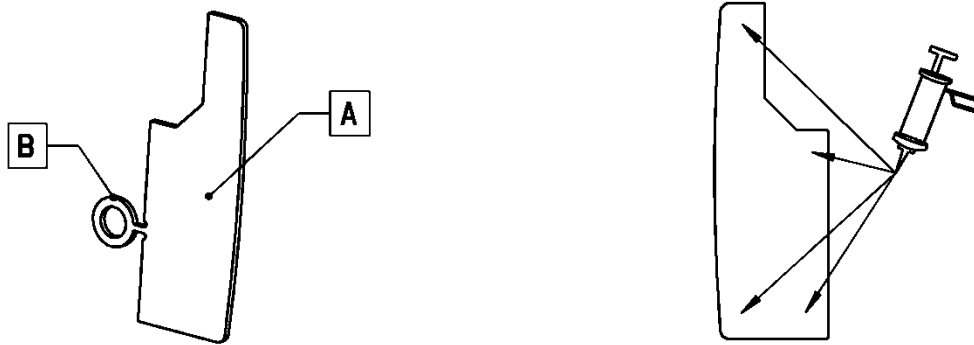


2. Glasaufnahmeprofil außen **[B]** wie gezeigt auf das Glasaufnahmeprofil innen setzen und fest an die Klebandabschnitte andrücken.



7.1.10 Bolting the glass retainer cover plate

1. Detach the eyelet **[B]** from the glass retainer cover plate **[A]**. Then apply adhesive to the cover plate and slide onto the glass retainer as shown.

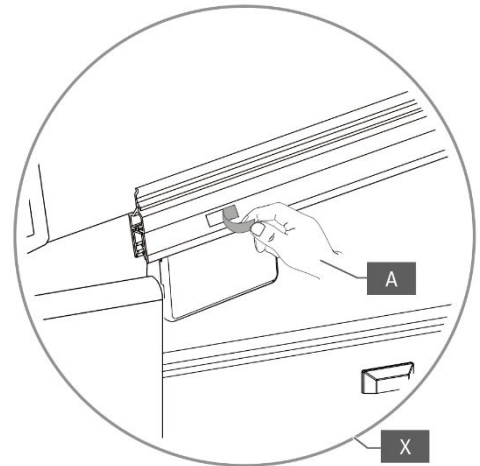
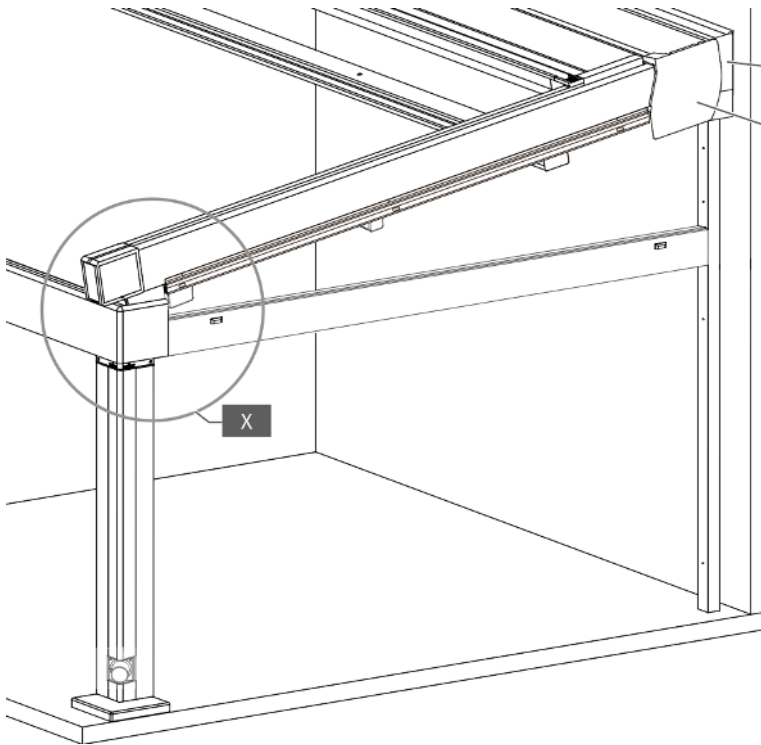


7.1.11 Bolting the glass retainer outside

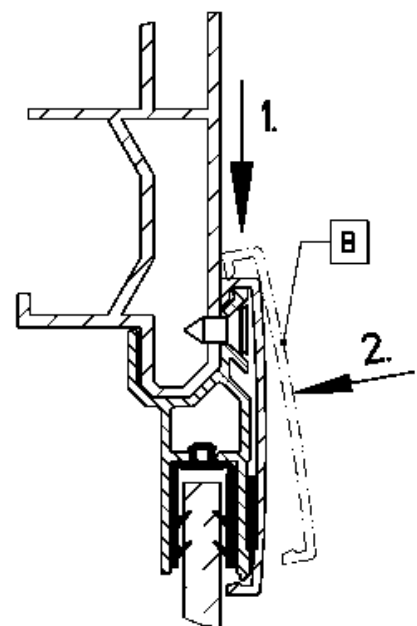
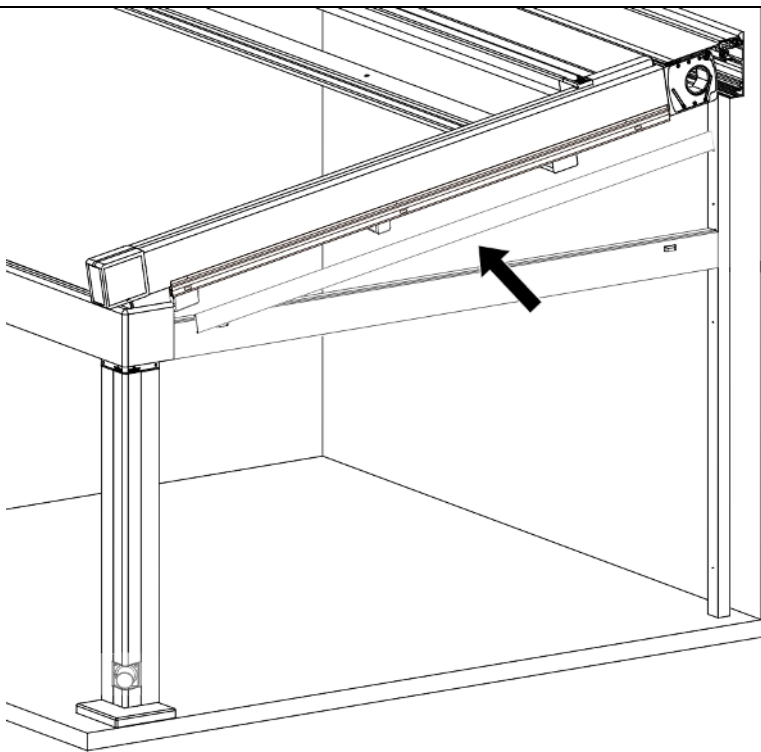


The wall connection cover cap **[C]** and the wall connection cover plate **[D]** must be removed so that the glass retainer can be installed.

1. Take off the red protection foil **[A]** of the tape strips outside on the glass retainer.

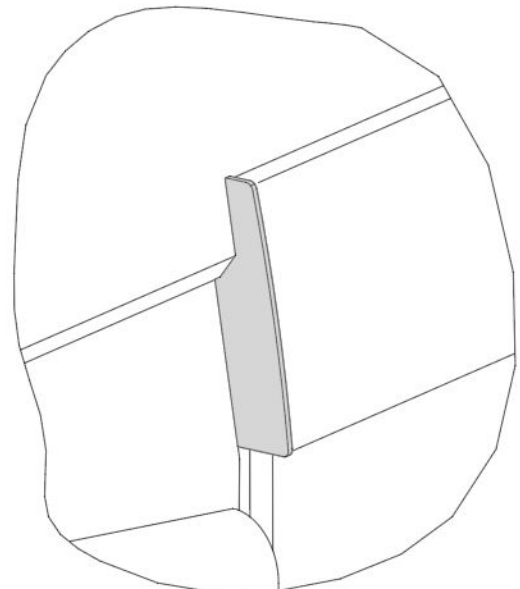
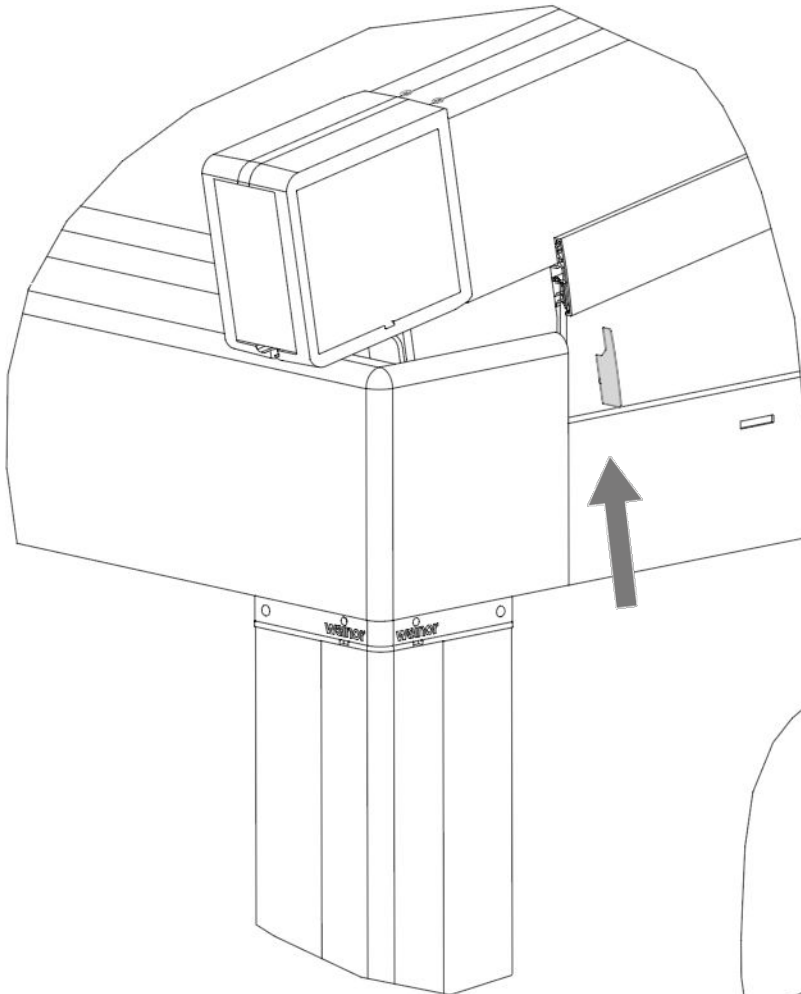
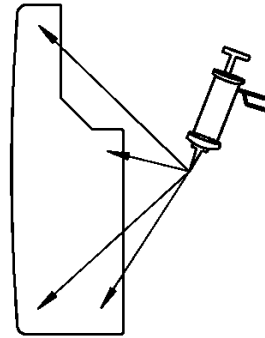
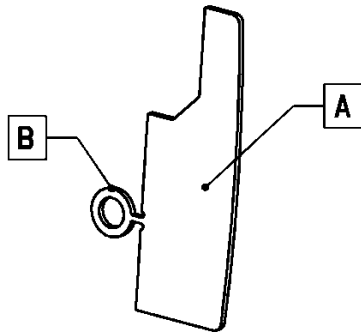


2. Glasaufnahmeprofil außen **[B]** wie gezeigt auf das Glasaufnahmeprofil innen setzen und fest an die Klebandabschnitte andrücken.



7.1.12 Bolting the glass retainer cover plate

1. Detach the eyelet **[B]** from the glass retainer cover plate **[A]**. Then apply adhesive to the cover plate and slide onto the glass retainer as shown.

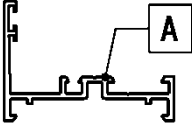
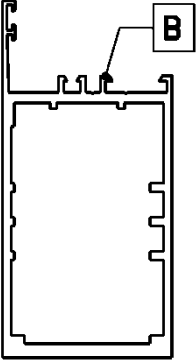


8 Installing SUPER LITE w50-c all-glass fixed glazing

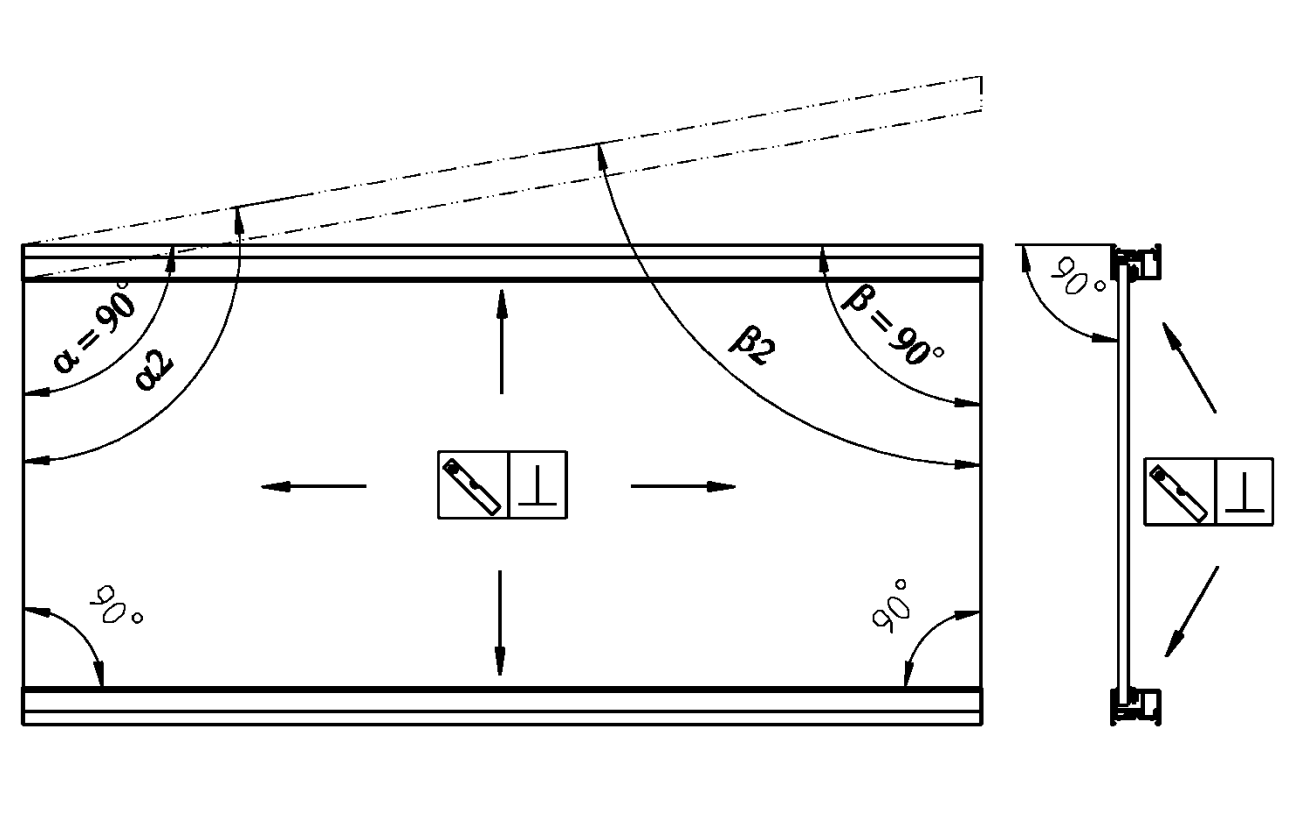
8.1 Installing the system

8.1.1 Aligning and installing the reveal profiles

i Depending on how it has been ordered, the SUPER LITE w50-c all-glass fixed glazing can be fitted either with a reveal profile 35 or reveal profile 105, which will serve as the bottom frame profile.

[A] Reveal profile 35	[B] Reveal profile 105
	

1. Adjust the reveal profiles to suit their place of installation.

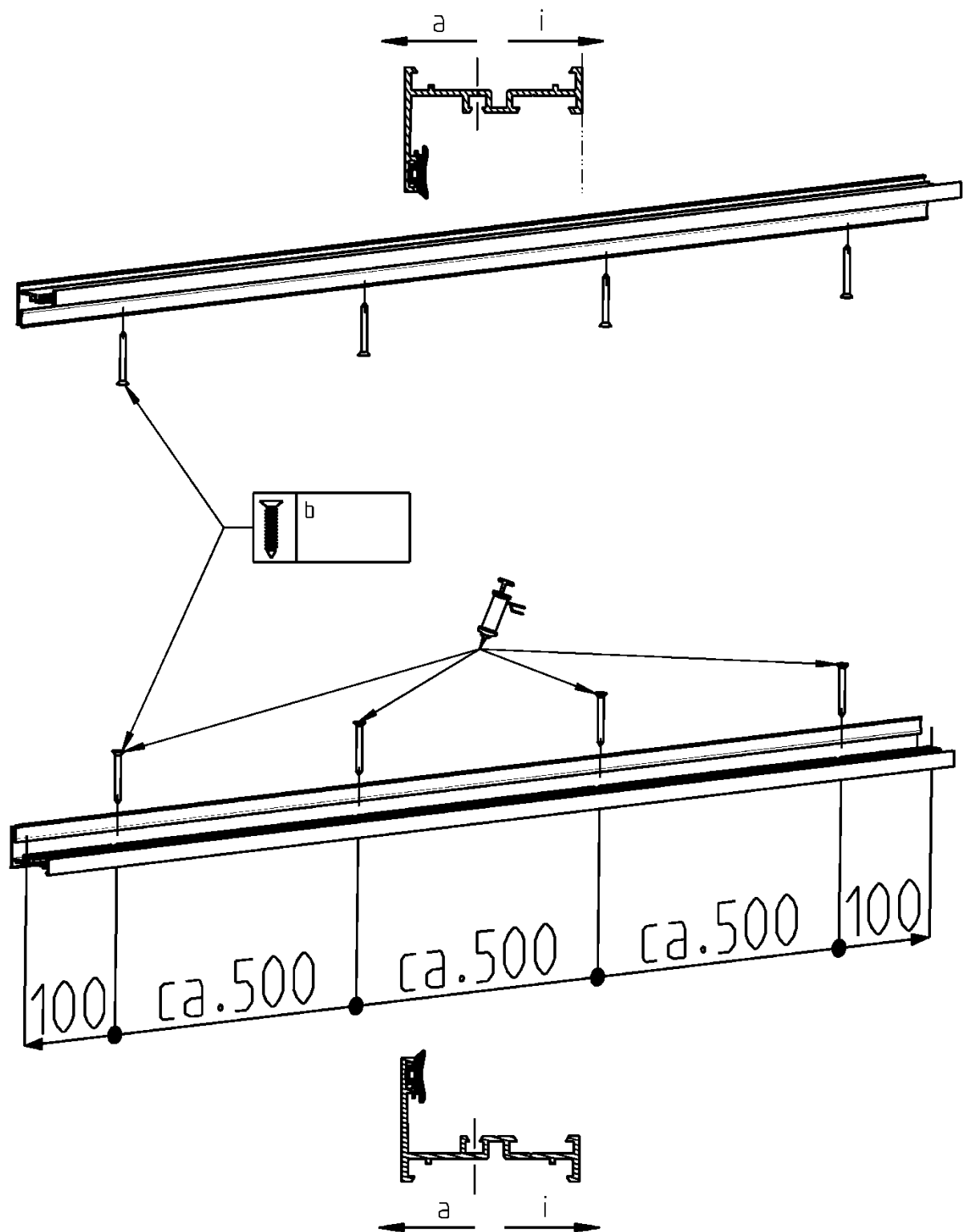


α	for a right-angled element	$\alpha 2$	for an angled element
β	for a right-angled element	$\beta 2$	for an angled element



For details on how to connect the reveal profiles to a Terrazza.

2. Bolt the reveal profiles into the installation space, as shown.



a	Exterior	i	Interior	b	Screws fitted on-site (quantity will depend on installation scenario)
---	----------	---	----------	---	---

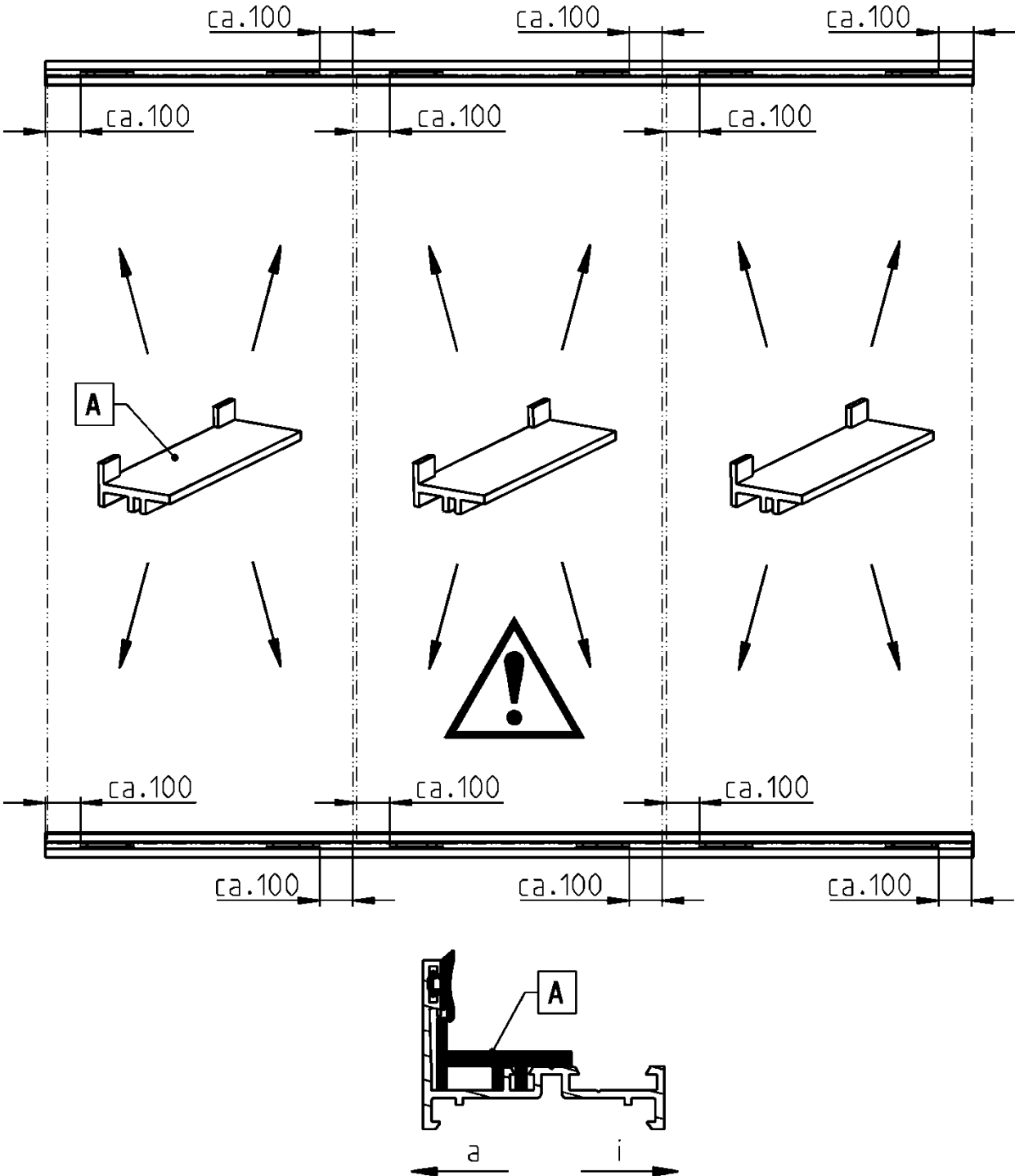
8.1.2 Inserting the glazing packers



IMPORTANT

Before inserting the glass panes, the glazing packers must be secured, e.g. glued, to prevent them slipping off to the side or detaching. This is particularly necessary with angled reveals.

1. For each pane of glass, at least two glazing packers **[A]**, one at the top and one at the bottom, need to be placed inside the reveal profiles, as shown in the drawing.



a	Exterior	i	Interior
---	----------	---	----------

8.1.3 Inserting the gap seals (optional)

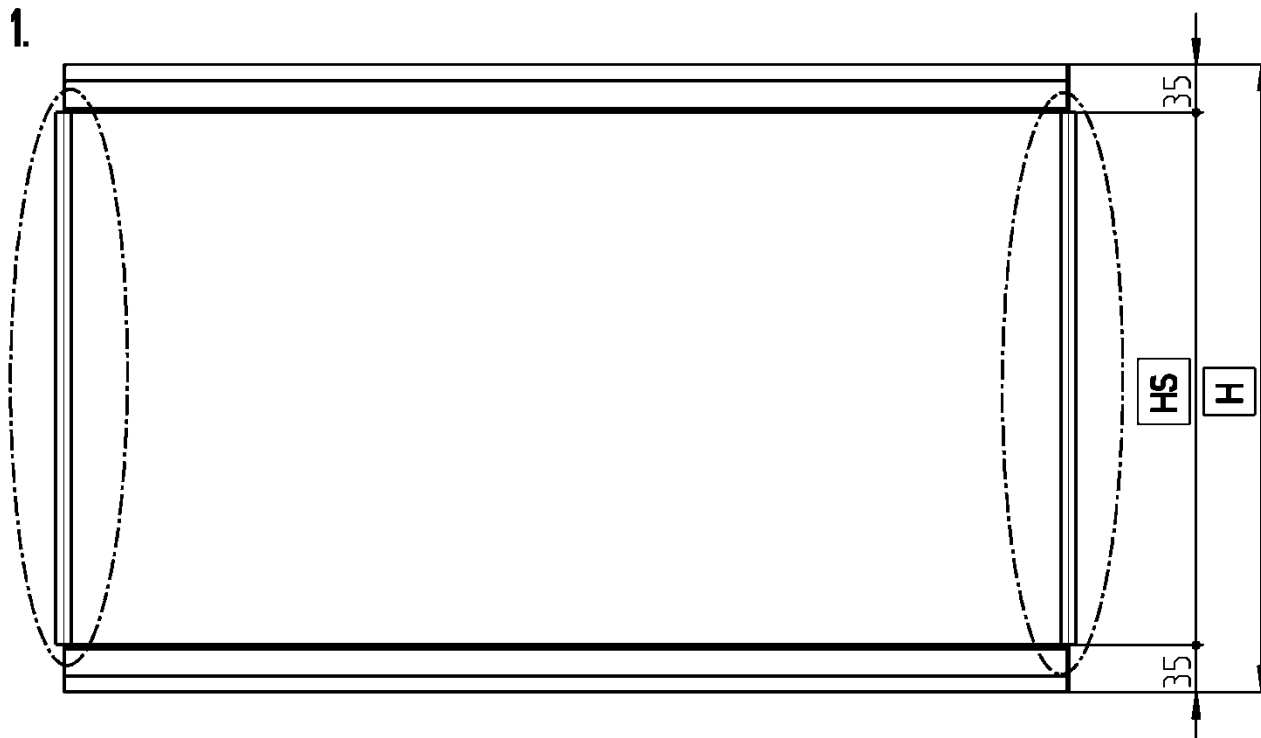


IMPORTANT

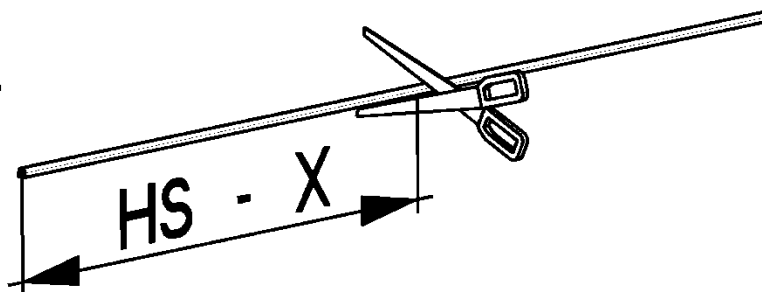
The gap seals must be attached to the glass panes before inserting the glass panes. It is impossible or very difficult to fit the gap seals after the panes have been inserted.

1. Determine the maximum heights **[HS]** of the gap seals **[A]**.
2. Trim the gap seals to the required size. The gap seal should be trimmed somewhat shorter to ensure that it does not get trapped between the top and bottom frames. (**HS - X**)
3. Attach the gap seals to the glass panes.

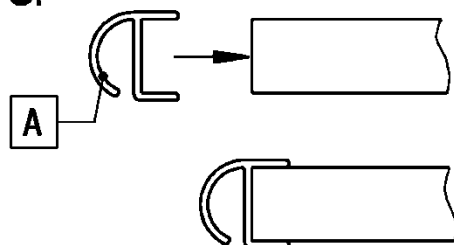
1.



2.



3.



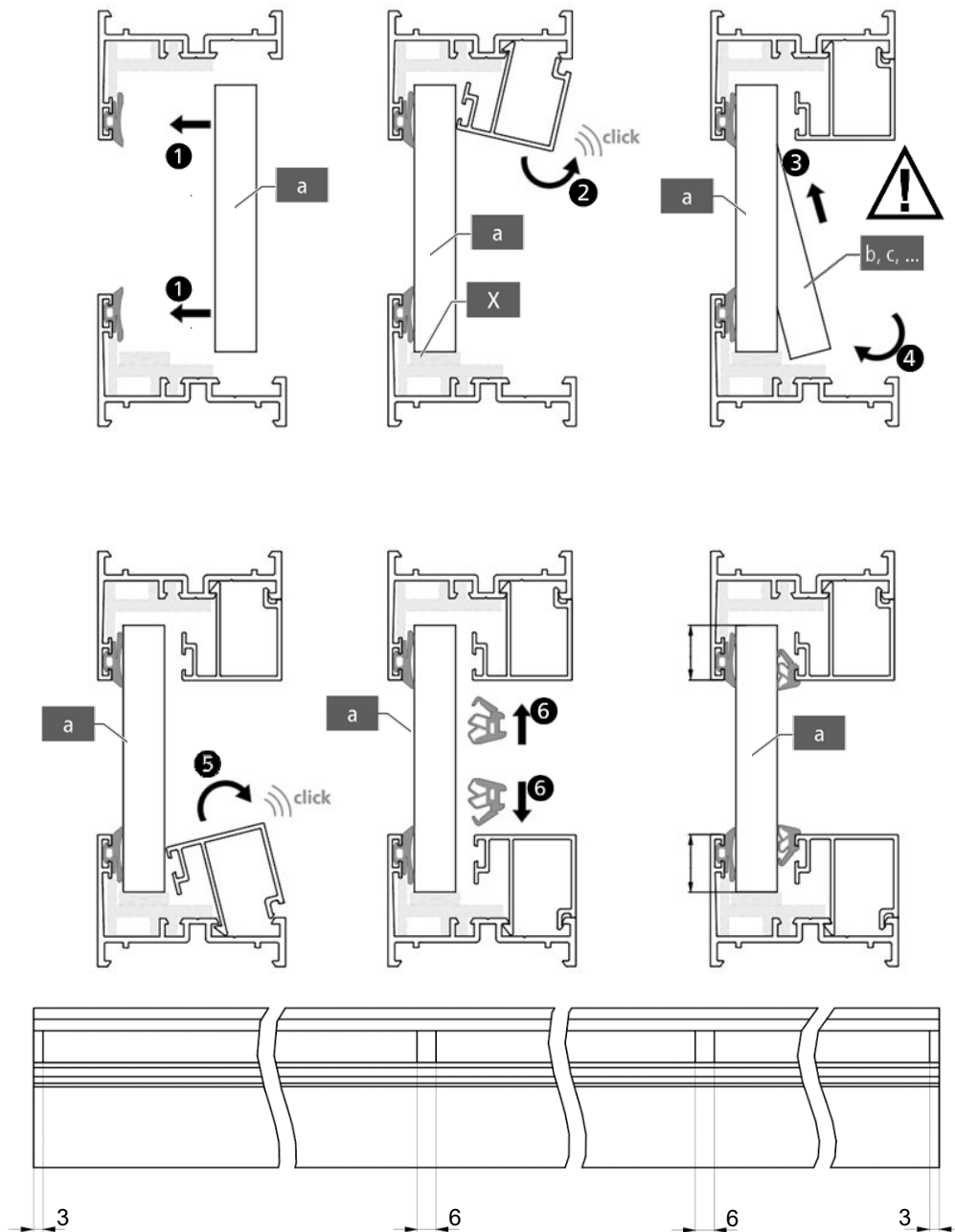
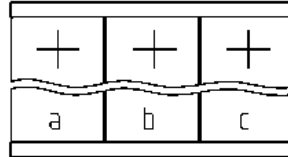
8.1.4 Inserting the glazing



IMPORTANT

If several glass panes are in use, the already inserted panes are only secured using the glazing bead. If required, be sure to secure the glazing bead to prevent it from detaching.

1. Insert the (first) pane (a) between the profiles.
2. Clip the glazing bead onto the top of the pane.
3. Where applicable, insert the other panes (b, c, ...) into the upper profile at an angle and then 4. swivel in the bottom end.
5. Clip the glazing bead onto the bottom of the pane.
6. Insert the wedge seals.

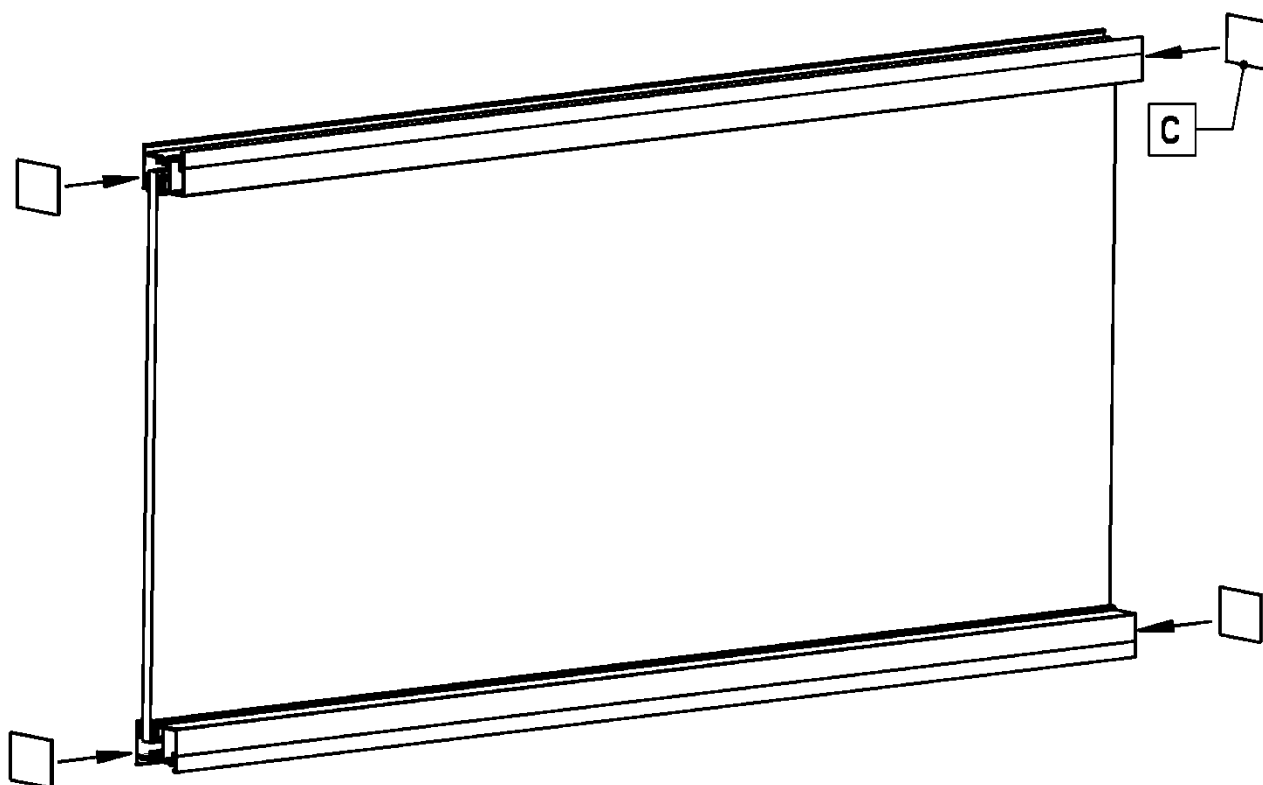
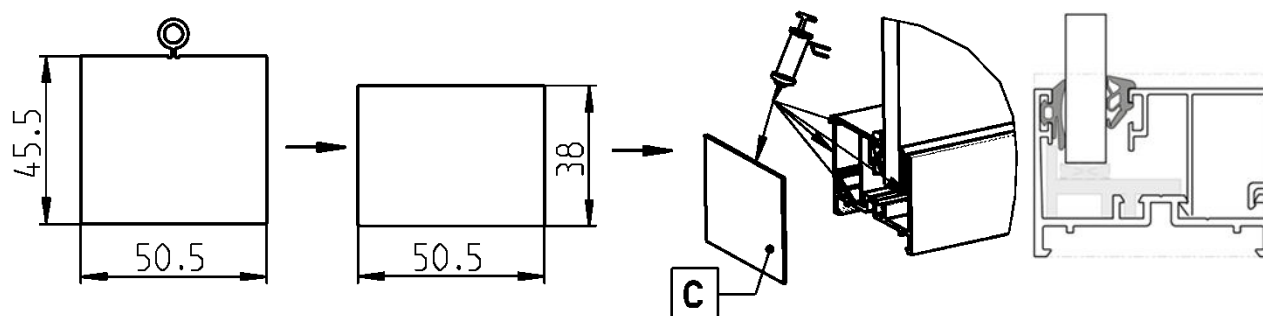


8.1.5 Inserting the cover plates



Only fit the cover plates once the glass panes and glazing beads have been inserted.

1. Trim the cover plate **[C]** to the height shown. Then glue it to the front of the respective reveal profile. Seal the cover plates all the way round the bottom reveal profile.



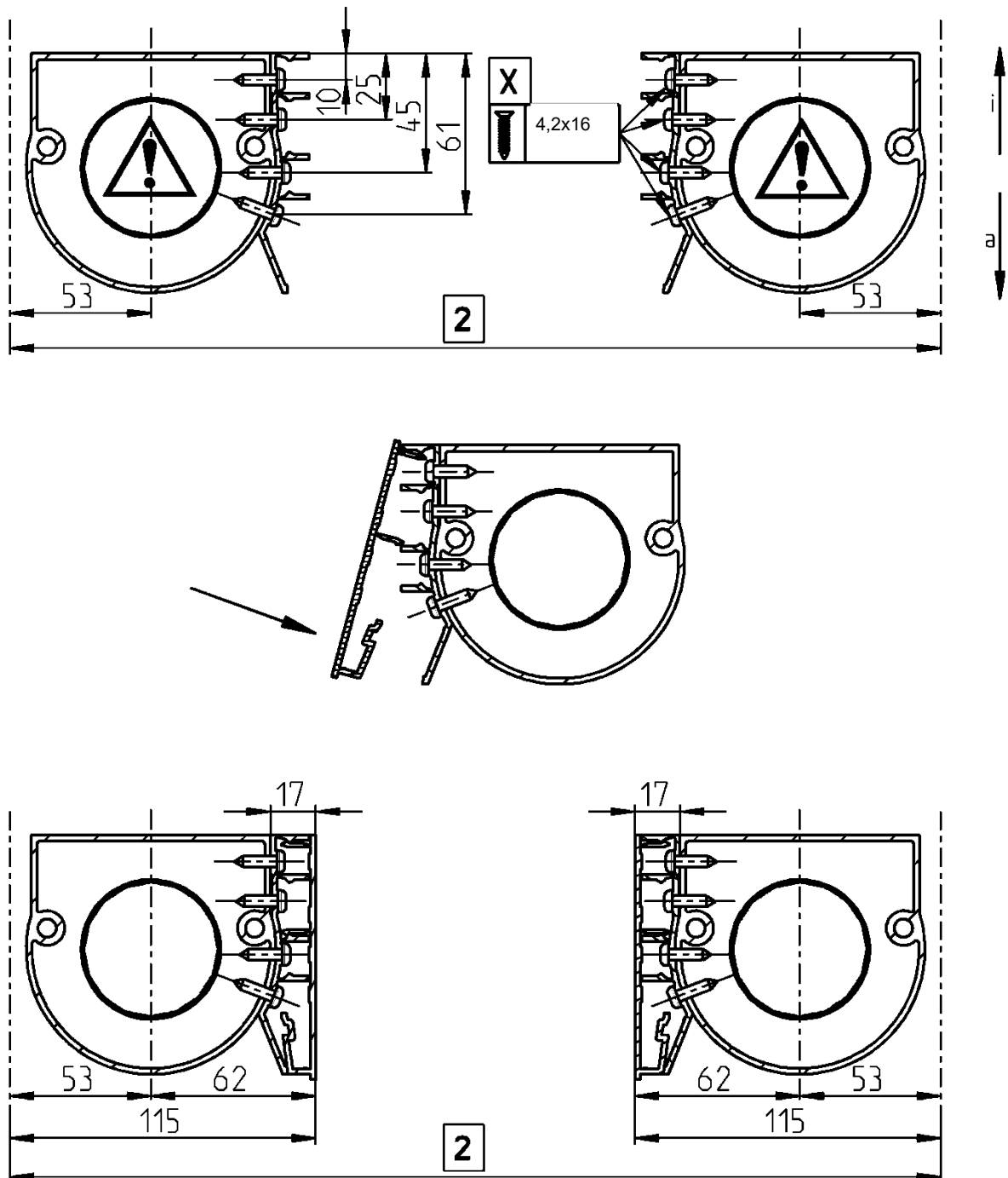
8.2 Installation on round posts and guttering (Terrazza)

8.2.1 Installing the connection profiles for posts



IMPORTANT

When bolting the connection profiles to the post, be sure not to drill into the drain housed inside the post. Take care not to damage the drain pipe when drilling holes or fitting screws.



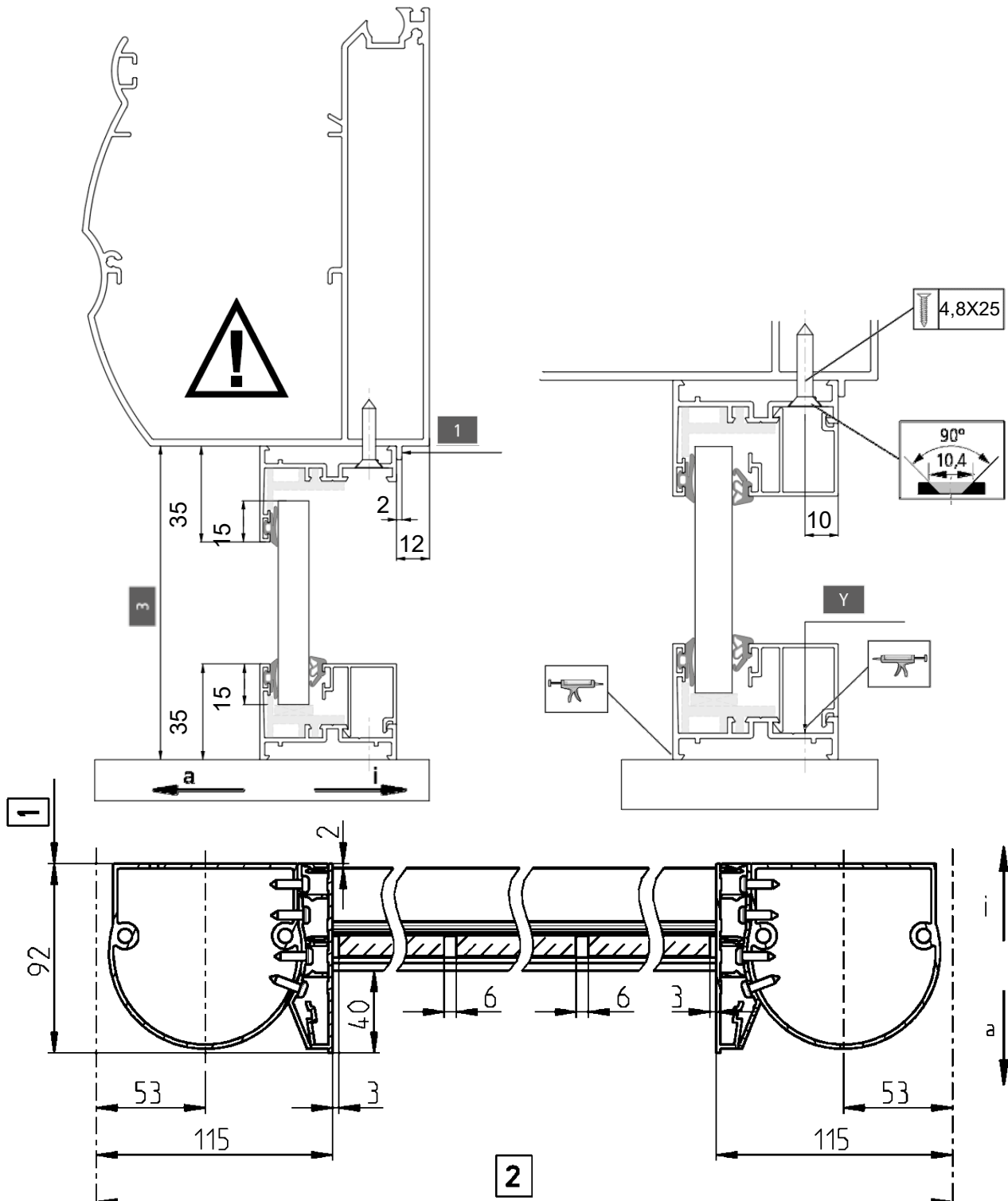
a	Exterior	i	Interior	2	Width of Terrazza
X	Potential positions of screws; number and position of screws to be determined on-site				

8.2.2 Connecting at the front, between the posts



IMPORTANT

The gutter, and therefore also the top reveal profile, must not be allowed to sag by more than 5 mm under maximum load. For reasons of structural safety, the gutter must be reinforced with steel if so required.



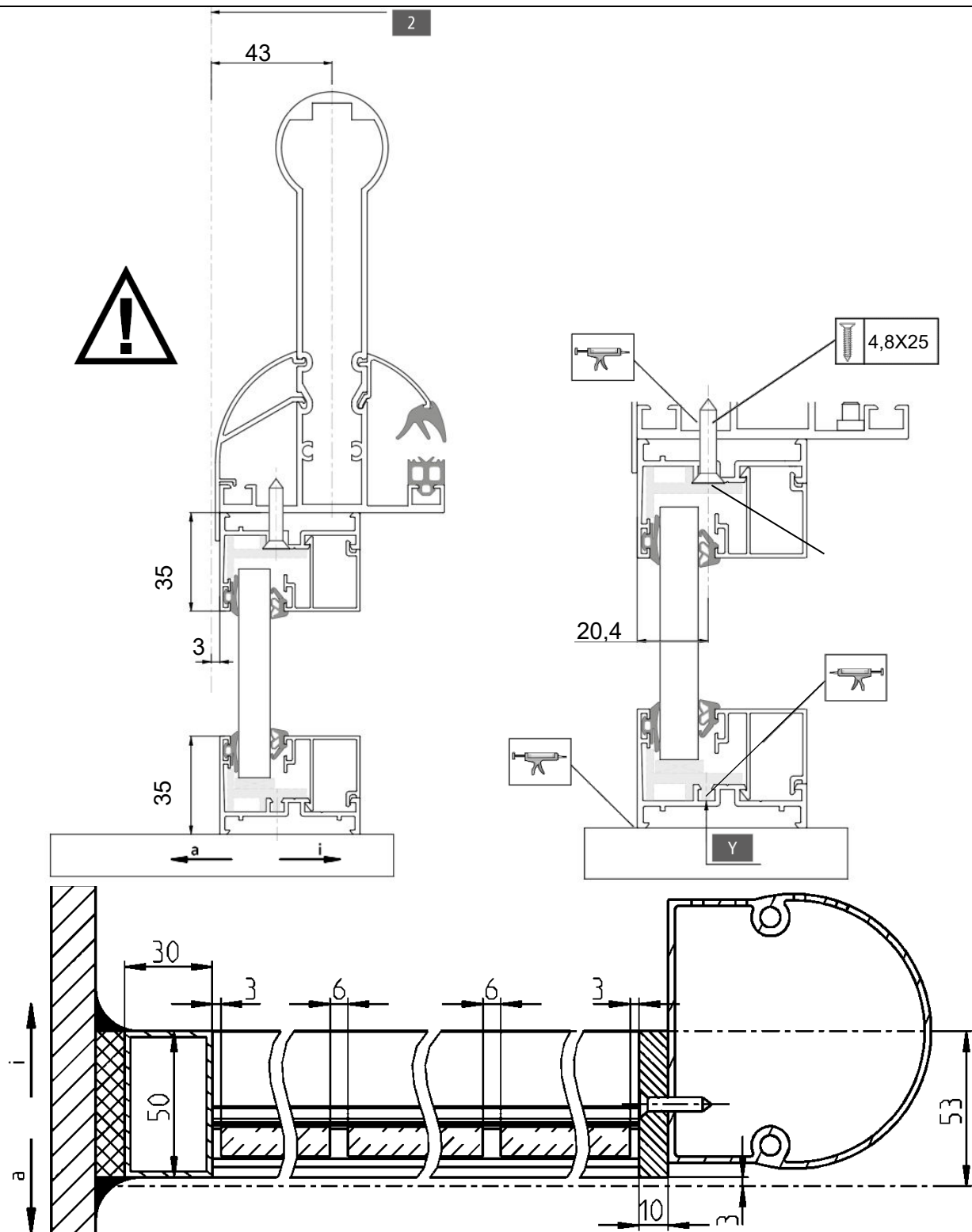
a	Exterior	i	Interior	1	Depth of Terrazza	2	Width of Terrazza	Y	Screws fitted on-site
---	----------	---	----------	---	-------------------	---	-------------------	---	-----------------------

8.2.3 Connecting at the side, between the posts and the wall



IMPORTANT

The roof support, and therefore also the top reveal profile, must not be allowed to sag by more than 5 mm under maximum load. For reasons of structural safety, the gutter must be reinforced with steel if so required.



a	Exterior	i	Interior	2	Width of Terrazza	3	Height of Terrazza	Y	Screws fitted on-site
---	----------	---	----------	---	-------------------	---	--------------------	---	-----------------------

9 Installing the "Terrazza locking bar"

9.1 Fitting the locking bar



For the installation instructions that follow, a schematic diagram of a Terrazza is shown in most cases. Any deviations that occur are specifically described in the section concerned.

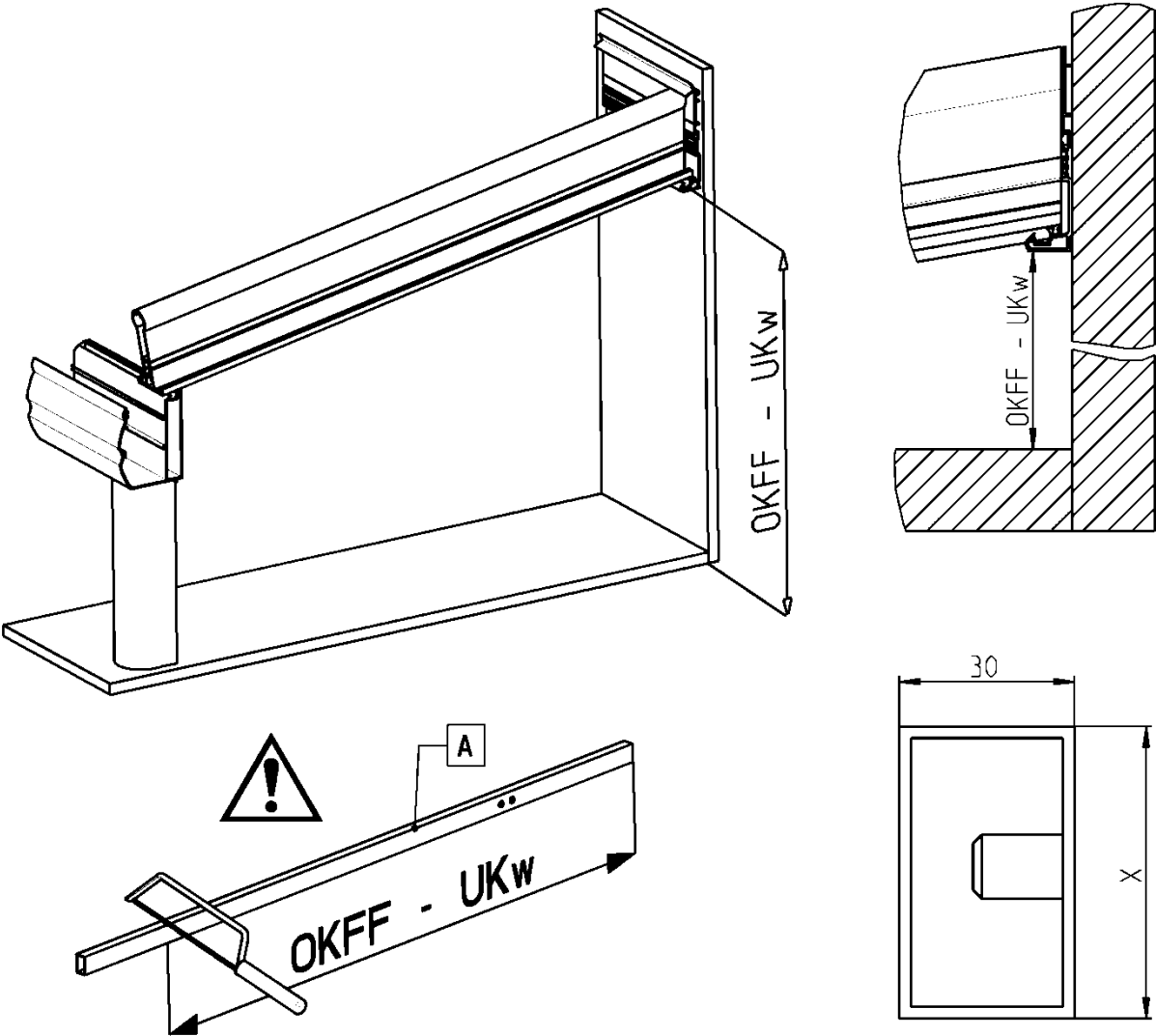
9.1.1 Determining and trimming the length of the wall gap sealing profile for the wall



IMPORTANT

As the blind rivet nuts needed to install the locking bar are attached to the wall gap sealing profile before the profile leaves the factory, any length trimming that is required must be done on the underside only.

Determine the dimensions for OKFF to UKw and trim the wall gap sealing profile **[A]** accordingly. The possible widths of the wall gap sealing profile are: **X** = 50 mm/70 mm/100 mm/120 mm



OKFF Top edge of finished floor

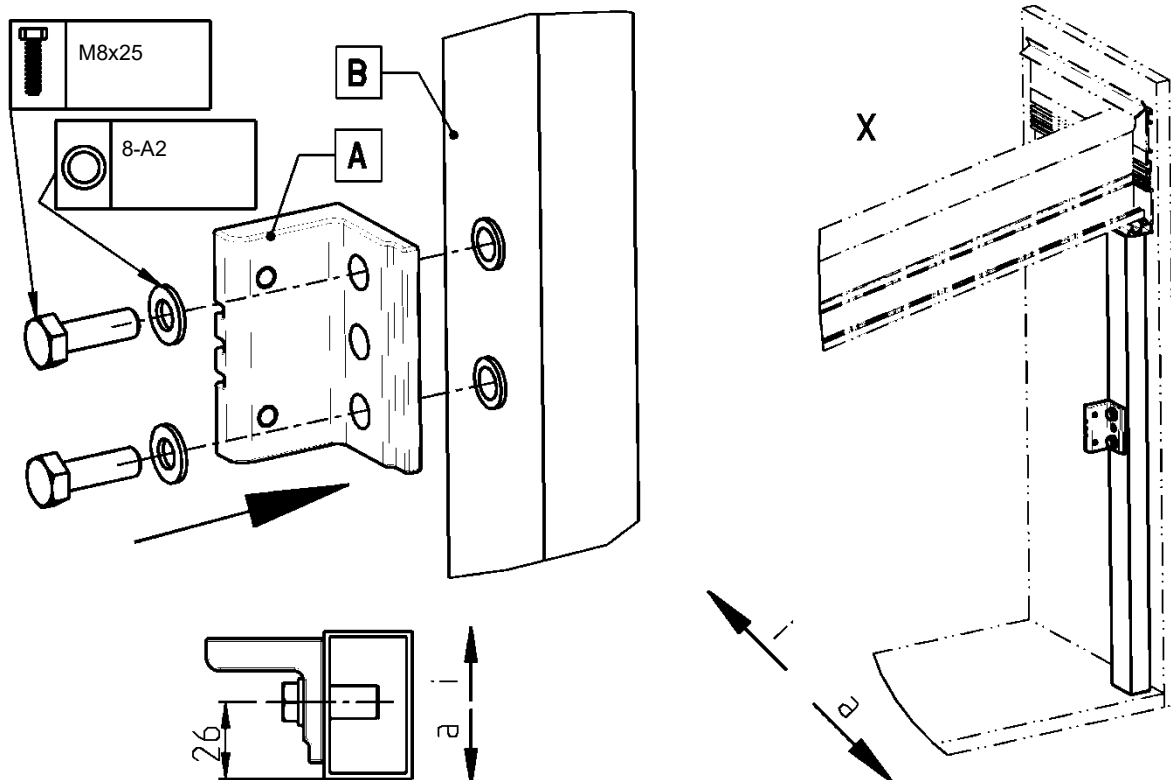
UKw Bottom edge of wall bracket

9.1.2 Pre-installation of locking bar

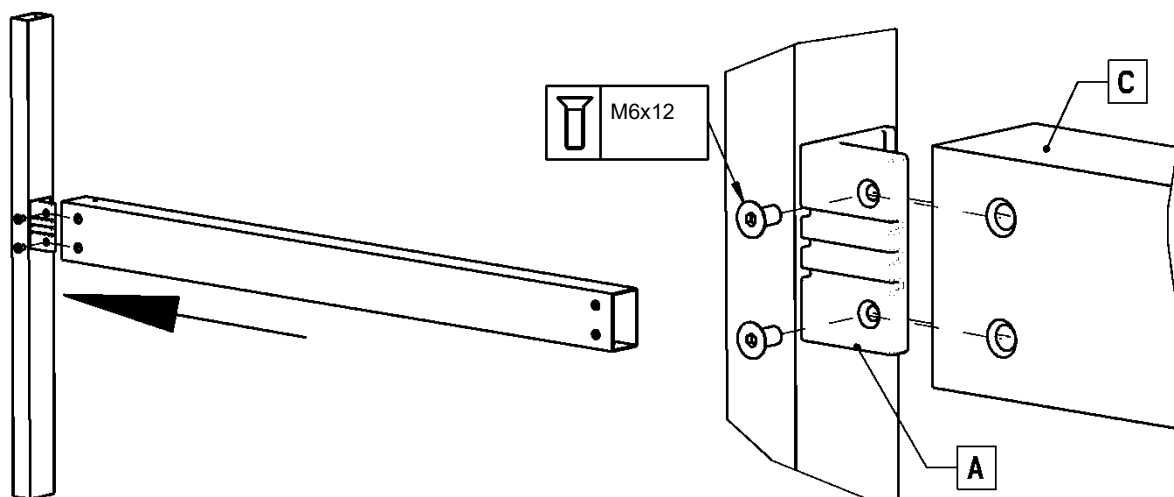
IMPORTANT

The wall gap sealing profile is not bolted to the wall until later. View **X** has only been included to illustrate more clearly how to bolt and/or align the angle bracket. If the wall gap sealing profile is already affixed to the wall at this time, the following installation steps can no longer be carried out.

4. Bolt the angle bracket **[A]** to the wall gap sealing profile **[B]**.



5. Slide the 50x80x2 rectangular pipe **[C]** over the angle bracket **[A]** and bolt together.



a Exterior

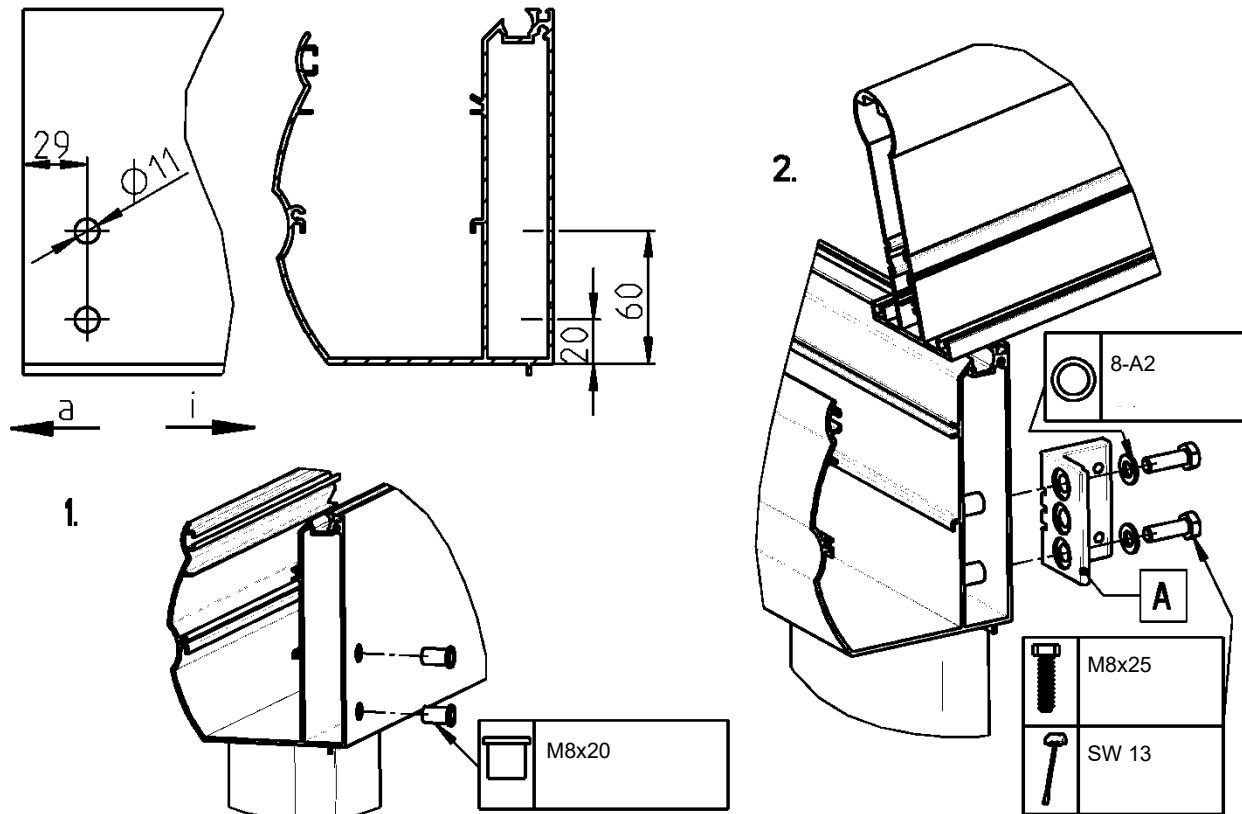
i Interior

9.1.3 Bolting the angle bracket to the guttering and/or crossbeam



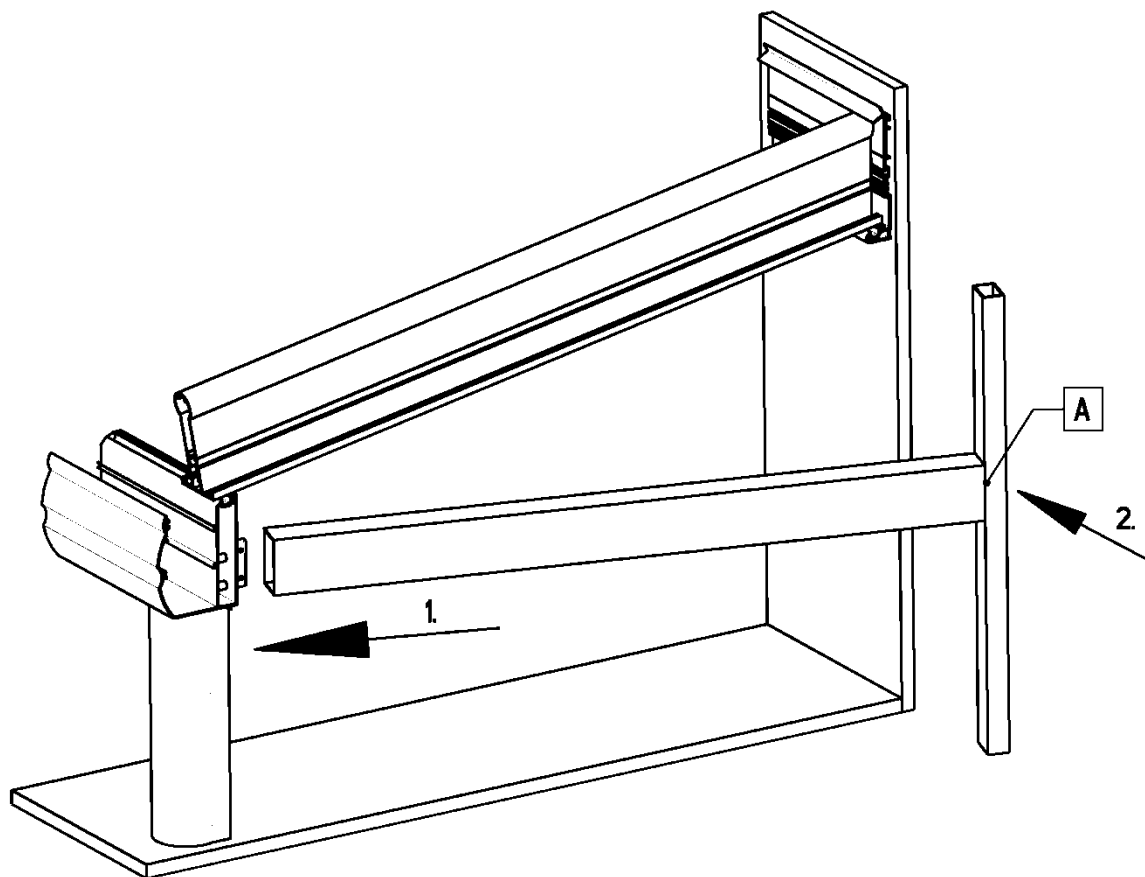
If the "Terrazza locking bar" option was ordered at the same time as the Terrazza/PergoTex IIb, the blind rivet nuts will already be inserted into the guttering/crossbeam.

1. Drill holes into the guttering and insert the blind rivet nuts.
2. Bolt the angle bracket **[A]** onto the guttering.

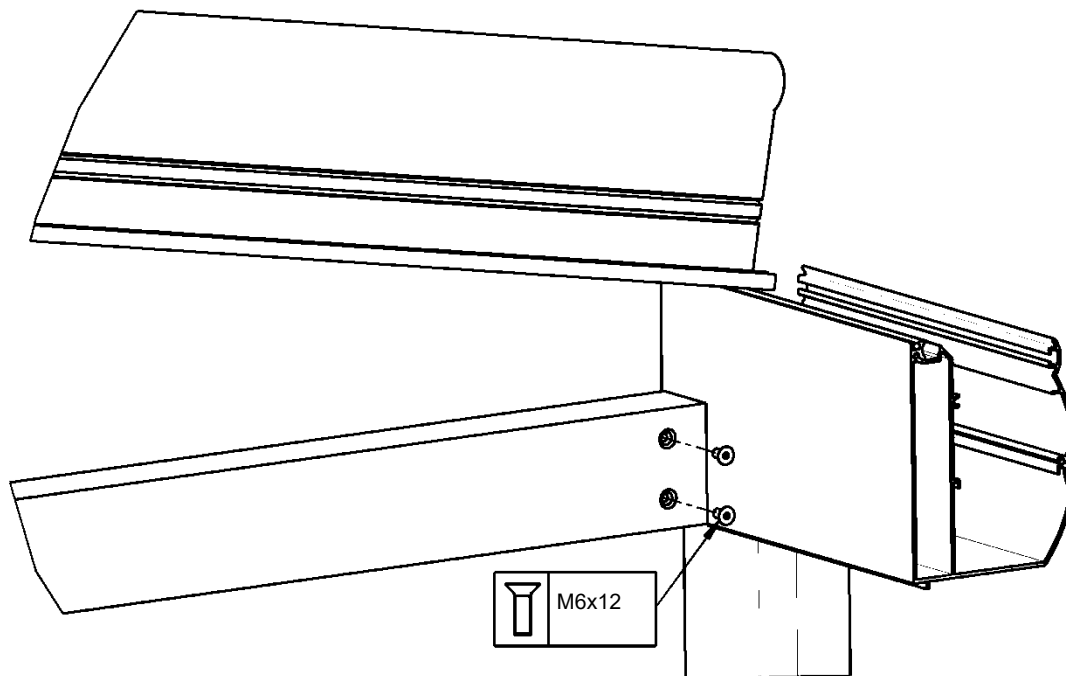


9.1.4 Bolting the pre-fitted locking bar

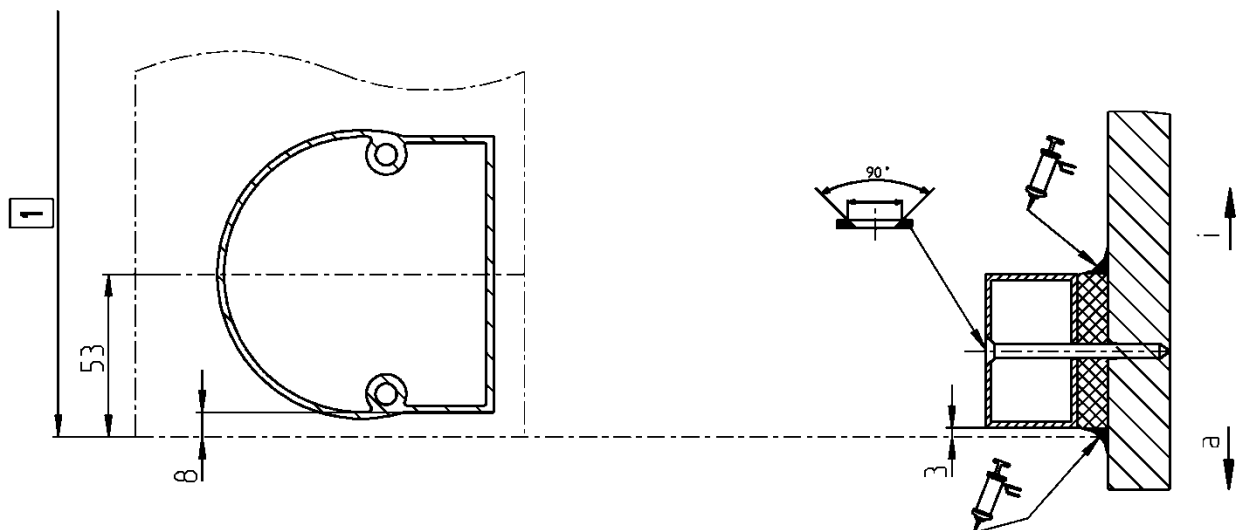
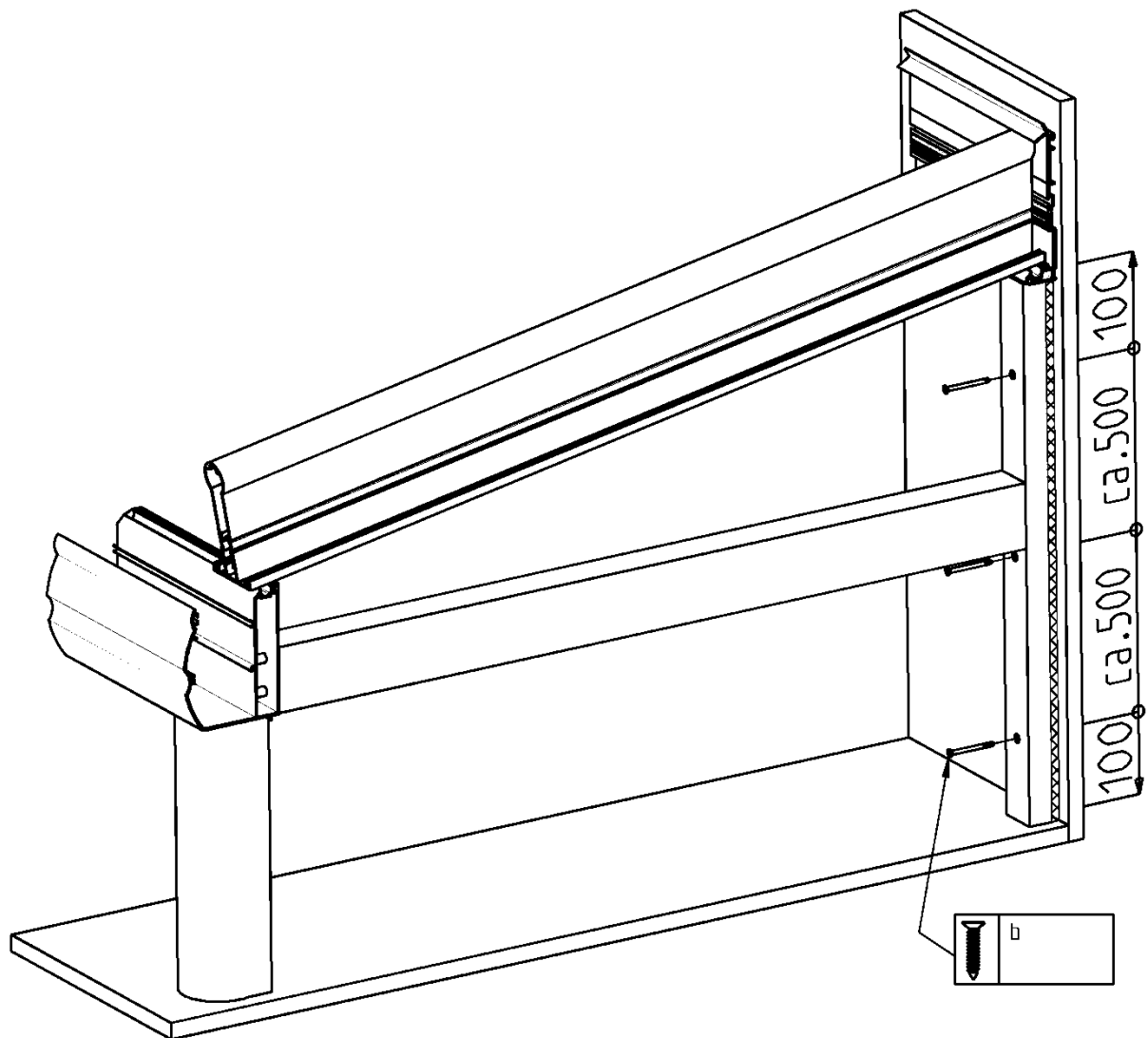
1. Slightly angle the pre-fitted locking bar **[A]**, then slide it over the angle bracket on the guttering.
2. Swivel the profiles in place below the wall bracket.



3. Bolt the pre-fitted profiles to the angle bracket affixed to the guttering.



4. Place a 10 mm shim under the pre-fitted profiles and bolt onto the wall below the Terrazza wall bracket.



1	Width of Terrazza (length of roof guttering)	a	Exterior	i	Interior
b	Screws fitted on-site (quantity will depend on installation scenario)				

10 Wind support bracket installation

10.1 General notes



IMPORTANT

Prior to the installation of the wind support bracket, the glass panes and glazing beads have to be inserted into the lateral trapezium element. Otherwise, problems may arise when inserting the glazing beads.



IMPORTANT

If a "preparation for glazing elements" has been installed at the guttering, there is a risk of collision with the wind support bracket. In this case, the length of the wind support bracket has to be adjusted accordingly.



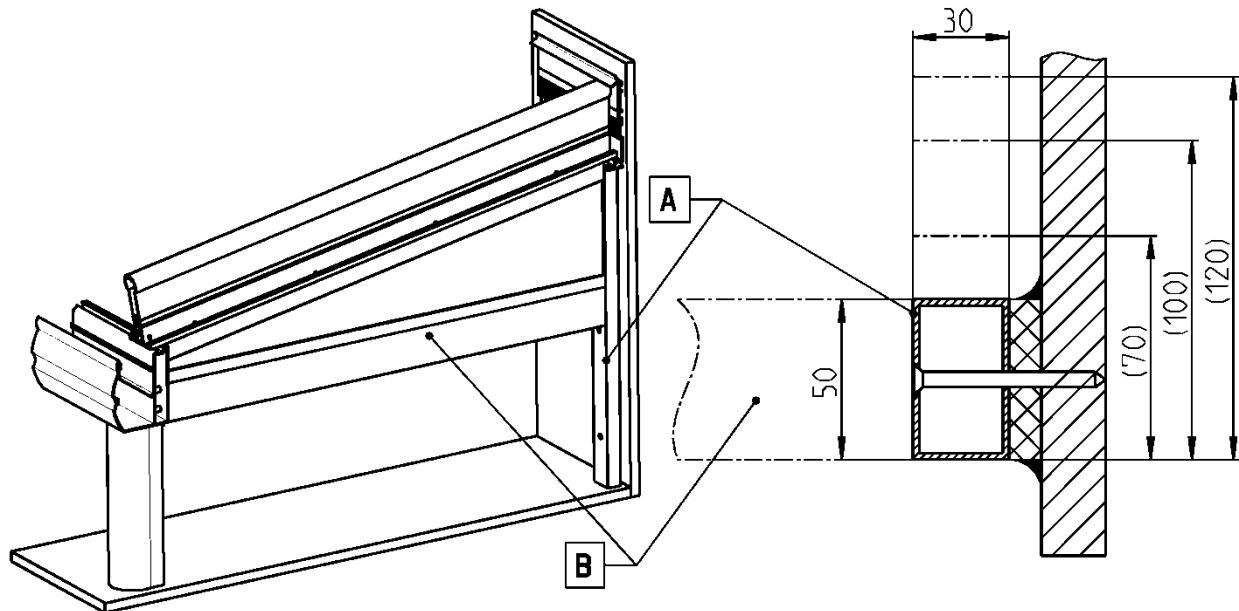
Standard attachment of the wind support bracket at the inside is illustrated. Depending on the situation, it may be necessary to attach the wind support bracket on the outside. Besides Terrazza, also PergoTex IIb are suitable for installation of the wind support bracket.
The following instructions illustrate installation at a schematic Terrazza. Any deviations that occur are specifically described in the section concerned.

10.2 Determining and trimming the length of the wind support bracket



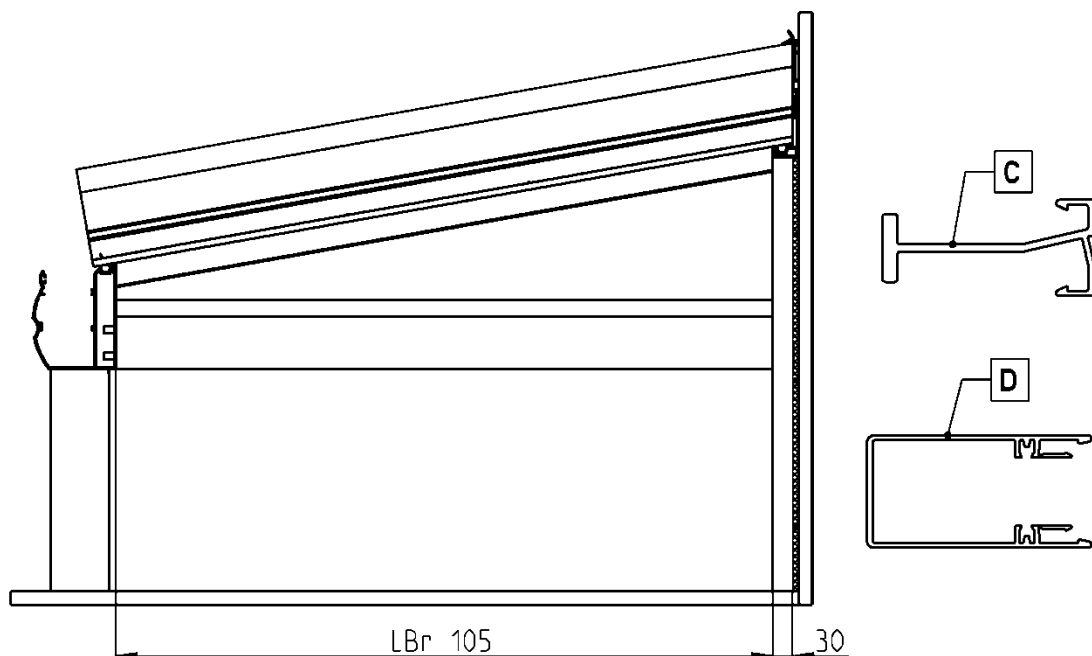
IMPORTANT

If a rectangular pipe with the dimensions 70x30, 100x30 or 120x30 instead of 50x30 **[A]** has been installed, the wind support bracket may maximally reach to this rectangular pipe. The length of the wind support bracket would thus correspond to the length of the 105 **[B]** reveal profile



Determining the length with 50x30 rectangular pipe:

Determine the dimensional length of the 105 reveal profile **[LBr 105]** + 30 and trim the wind support bracket 38x76 clip profile **[C]** and the wind support bracket 38x76 cap profile **[D]** to the determined dimensions.



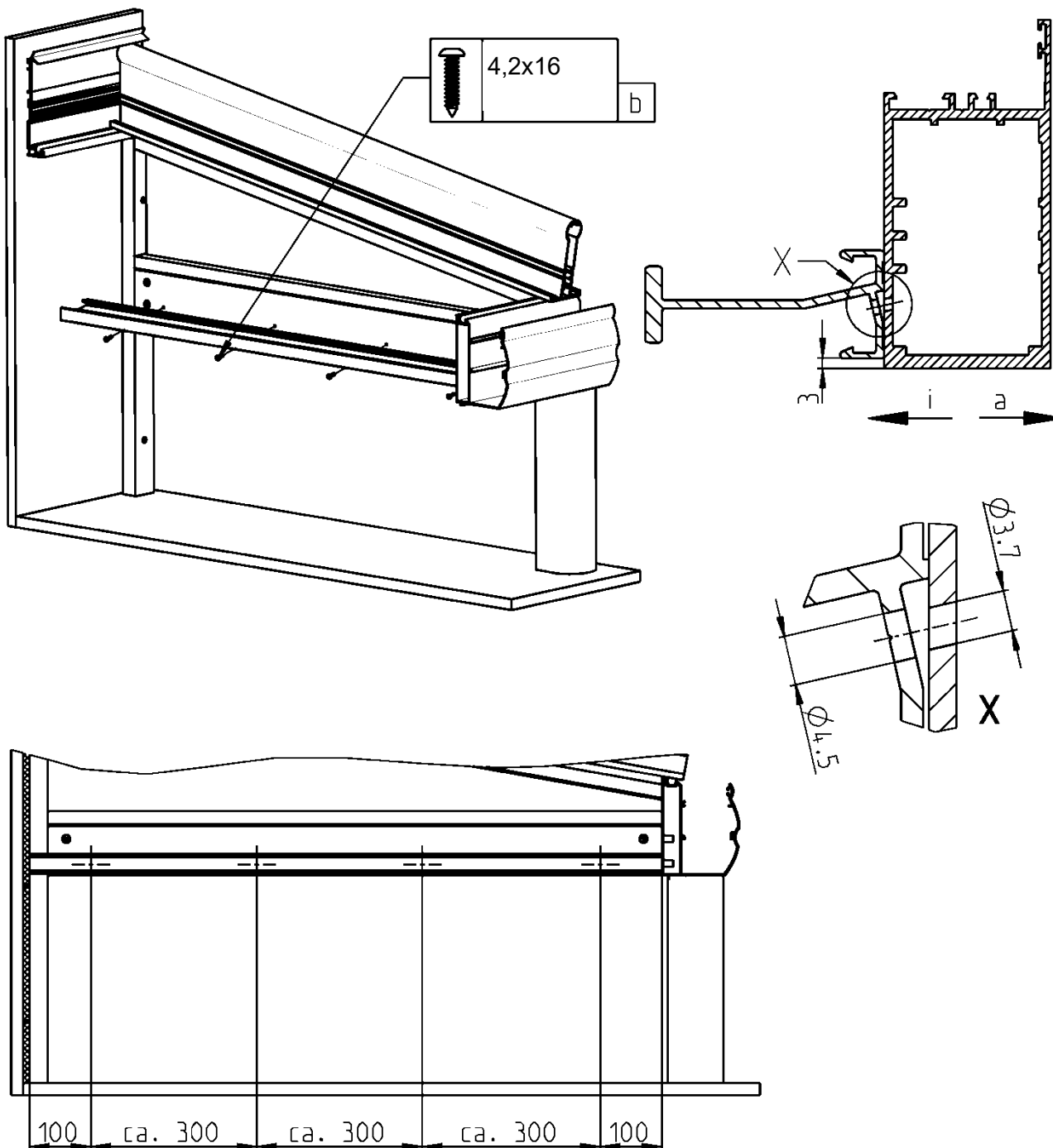
LBr 105 Reveal profile length 105

10.3 Bolting the wind support bracket 38x76 clip profile



Suitable screws for installation on site have to be selected.
The 4.2x16 Fillister head self-tapping screws are not included in the scope of delivery of the wind support bracket. They can be ordered from weinor.

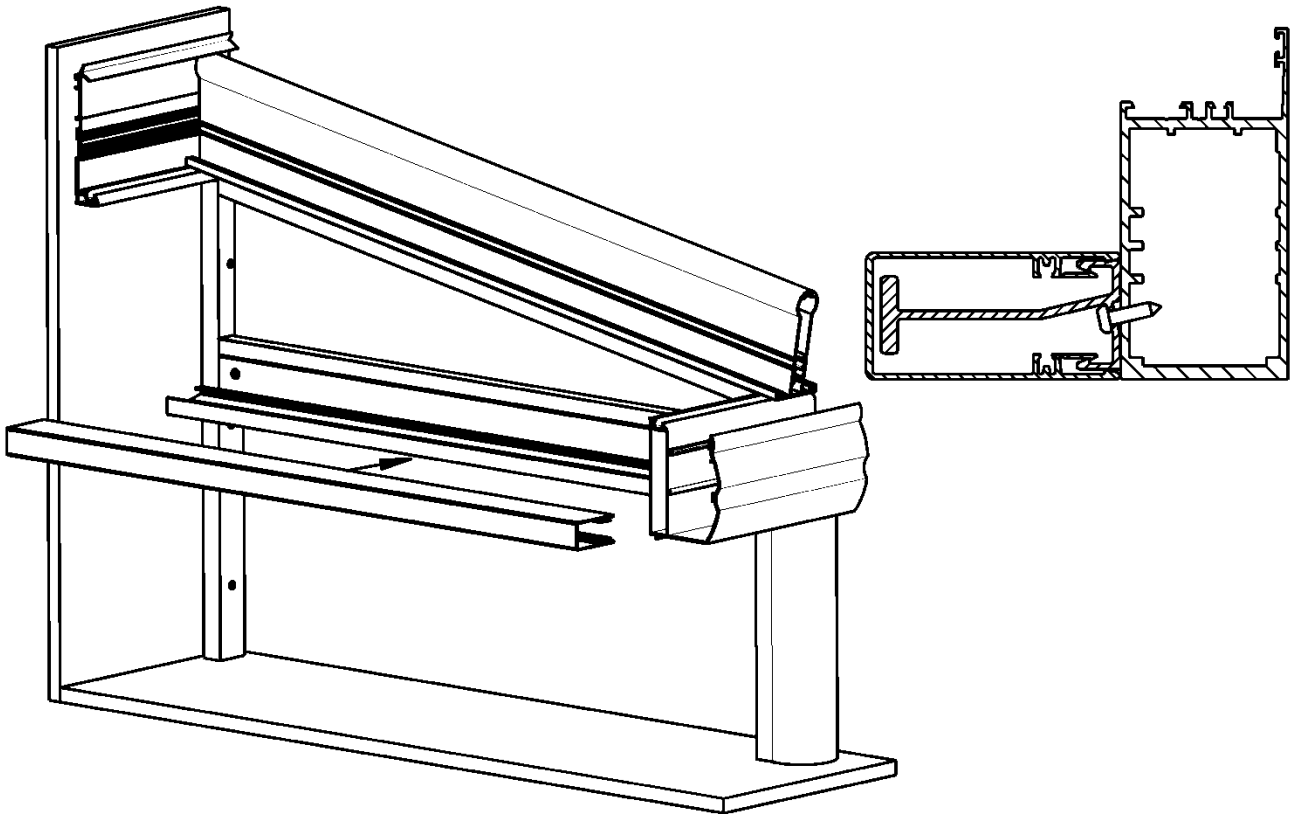
1. Tighten the wind support bracket 38x76 clip profile as illustrated at the 105 reveal profile.



a	Exterior	i	Interior
b	Screws fitted on-site (quantity will depend on installation scenario)		

10.4 Clipping on the wind support bracket 38x76 cap profile

1. Clip the wind support bracket 38x76 cap profile as illustrated to the clip profile.



Installation tip in case of difficulties in attaching the clip profile:

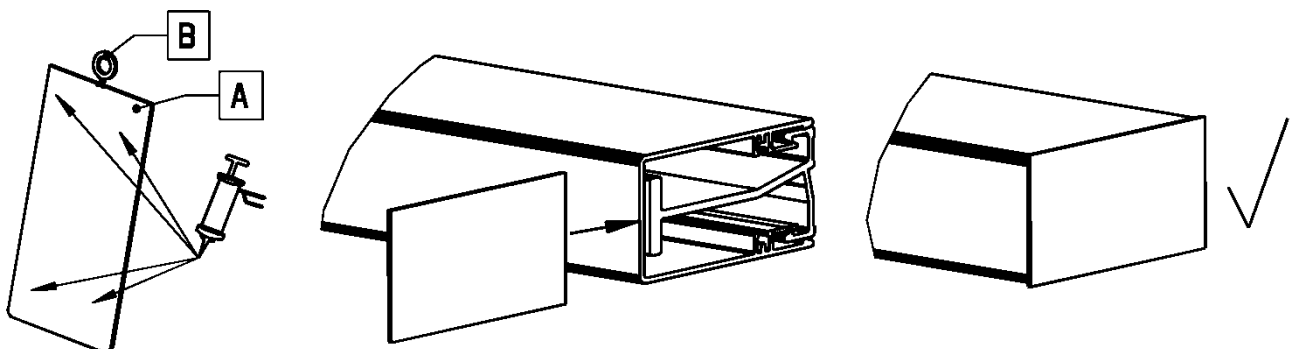
- First, press on the clip profile using several clamps.
- Use a plastic hammer to knock it slightly. When doing so, the powder surfaces have to be protected (with cardboard or similar).

10.5 GE wind support bracket cover plate attachment



If the wind support bracket has been installed in such a way that the profiles are visible from the side, a GE wind support bracket cover plate should be installed.

1. Remove the eyelet **[B]** of the GE wind support bracket cover plate **[A]**, apply suitable adhesive and attach the cover plate to the wind support bracket.



11 Engineering/production-related features

As with all industrially produced products, weinor glazing elements may also contain unavoidable blemishes, which must be accepted for what they are. You may rest assured that we constantly seek to provide the best possible quality and keep enhancing it. The types of blemishes that may arise include:

Feature	Potential cause	Remedy		
		How?	By	See
Draft coming through gaps in the panes	Gap seals not ordered/fitted	- Order gap seals - Fit gap seals	R&P/E C	/
Condensation on glass panes	Condensation forms as a result of water vapour in the air dripping onto cold surfaces when the air is below its so-called dew point temperature.	- Cannot be remedied - The possibility of condensation occurring cannot be excluded. - The amount of condensation can be reduced by: - Airing - Heating - Change of use	EC	/
Tiny air bubbles in glass	Minor quantities of air have been trapped in the glass during production and show up as bubbles.	- Cannot be remedied - A visual assessment is generally made in accordance with the guidelines of the respective national associations and/or the manufacturers.	/	/
Minor scratches in the glass	Production tolerances	- Replace the panes - A visual assessment is generally made in accordance with the guidelines of the respective national associations	R&P	/
Pimples on powder-coated parts	Minor accumulations have arisen while powder coating the parts	- Cannot be remedied - A visual assessment is generally made in accordance with the guidelines of the respective national associations and/or the manufacturers.	/	/
Minor deviations in the colour of powder-coated parts	Despite using the same RAL colours, there is always a possibility of two parts being slightly different in colour. This especially occurs when using metal or iron effect paint.	- Cannot be remedied - A visual assessment is generally made in accordance with the guidelines of the respective national associations and/or the manufacturers.	/	/
Minor scratches on powder-coated parts	Production tolerances	- Touch-up pen - A visual assessment is generally made in accordance with the guidelines of the respective national associations	R&P/E C	/
Legend: R&P - Retailers and partners EC - End customer				

12 Handover certificate

Order no.:	Installation company																										
Customer's address:	Address:																										
Tel.:																											
Mobile phone:																											
Email:																											
Handover certificate	Date																										
The glazing element 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 not to formally accept the glazing element and begins operating it, the GE will be deemed to have been accepted * The defects listed are no indication as to whether a complaint is justified or not. The _____ listing of defects therefore does not automatically oblige the retailer/partner to remedy the defect. The customer has been duly instructed in how to operate the glazing element as shown in the Maintenance Instructions and Directions for Use. ☐ Yes ☐ No The customer has been given the following documents/ accessories: <table><tr><td>Maintenance Instructions and</td><td>☐ Yes ☐ No</td></tr><tr><td>Directions for Use</td><td>☐ Yes ☐ No</td></tr><tr><td>Touch-up pen</td><td>☐ Yes ☐ No</td></tr></table> Gap seals _____ (quantity) Miscellaneous: <table border="1"><tr><td colspan="4">Die Montage erfolgte durch:</td></tr><tr><td>Name</td><td>von Uhrzeit</td><td>bis Uhrzeit</td><td>Stunden</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>		Maintenance Instructions and	☐ Yes ☐ No	Directions for Use	☐ Yes ☐ No	Touch-up pen	☐ Yes ☐ No	Die Montage erfolgte durch:				Name	von Uhrzeit	bis Uhrzeit	Stunden												
Maintenance Instructions and	☐ Yes ☐ No																										
Directions for Use	☐ Yes ☐ No																										
Touch-up pen	☐ Yes ☐ No																										
Die Montage erfolgte durch:																											
Name	von Uhrzeit	bis Uhrzeit	Stunden																								

Signature of fitter

Signature of customer

13 Disposal

Although this product does not contain any materials which pose a risk or danger to other people or the environment, the glazing elements should nevertheless be disposed of properly.

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