

Technical Manual





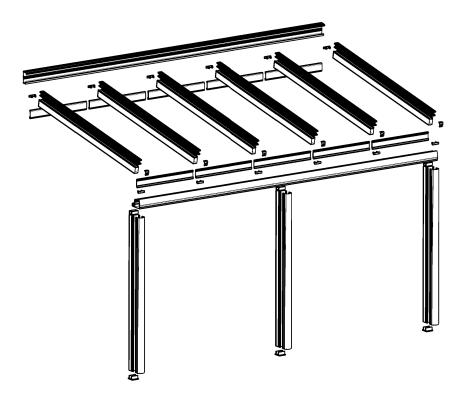


PALLAZZO VERANDA Esp 440 5633 AJ Eindhoven T 040 264 64 94- F 040 264 64 95 info@pallazzoveranda.nl- www.pallazzoveranda.nl Technical Manual Version 03-2025

This manual has been compiled with the utmost care. The current version is available on the Pallazzo Verandas website. No rights can be derived from the contents of this manual.

Part I Assembly Instructions





Assembly Pallazzo 150 SL

Sie benötigen:

Für die Dachmontage

- Hammer drill for drilling the anchor holes.
 Including masonry drill bit.
- Cordless drill (2)
- Mounting screws and dowels
- Stairs (2)
- 4.2 mm aluminum drill bit for the screws
- Plastic hammer
- Spirit level
- Allen key
- Socket wrench set
- Cement syringe
- Silicone cement (2)
- Carpet knife
- Channel lifter (for adjusting the steel gutter to the desired height)
- Compression tap

- Additional material for connecting the connection
- to the included waste pipe
- Power cable and switch for connecting any spotlights

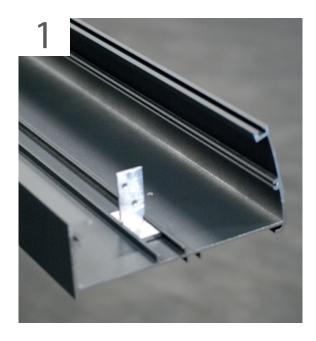
For glass

• Suction cups and gloves

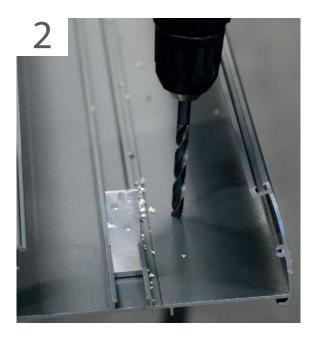
For concrete bases

 Shovel, quick-setting concrete and a paving slab.

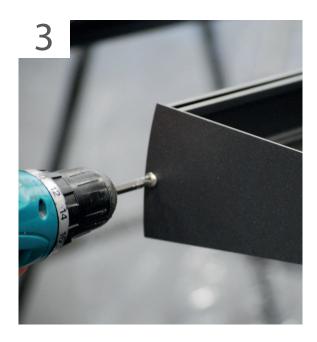




Release the risers from the wall profile by pulling them toward you. Install the half bracket at a distance of 55 mm from the side of the wall profile.



Drill holes into the wall profile at 50 cm intervals. If necessary, zigzag these holes. The size of the holes depends on the fastening material used.



Glue the seal to the inside of the end walls, then screw the end walls in place. If necessary, apply compression tape to the back of the wall profile along its entire length.

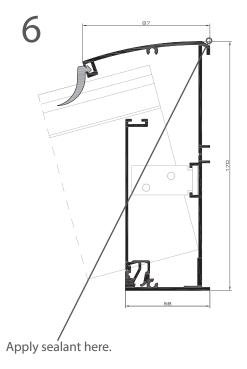


Attach the wall profile to the facade.









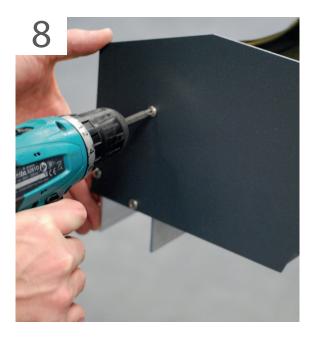
150 SL

Installation of the gutter

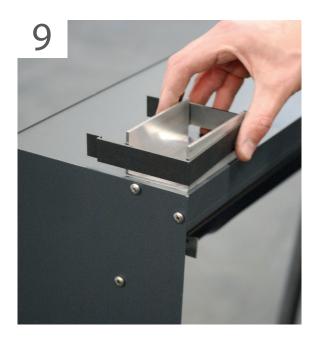




Release the gutter risers from the gutter by pulling them toward you. Install the bracket at a distance of 55 mm from the side of the gutter. Install the brackets at both ends of the gutter.



If necessary, glue a seal to the inside of the end walls for drainage, then screw the end walls in place. If necessary, seal the end walls.



Screw the post brackets to the bottom of the gutter at the desired location. A strip can be sawn off the post as a drilling jig to determine the correct position of the bracket. Do not drill into the gutter box.

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Installation of the pillars



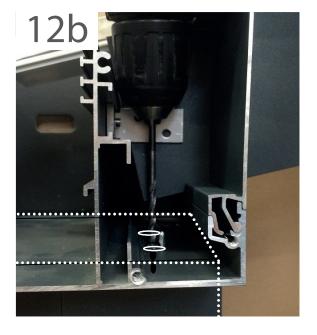
Remove the front part of the post. Place any base plates (supplied) on the foundation. Screw the posts onto the base plate from the inside.



Place the gutter on the posts. This is best done once all preparations for the roof supports have been completed, so that you can proceed directly with the installation of the roof supports.



Once the gutter has been aligned horizontally, drill holes and screw in the posts. Now you can proceed with the roof supports.



Drill drainage holes for possible condensation in the back (inner part) of the gutter at the height of the posts.

Installation of the roof beams





The holes for the Pallazzo LED spotlights are drilled with a diameter of 29 mm. Please refer to the wiring diagrams for wiring connections.



Install the supplied screw and washer to later secure the window stopper in the bottom chamber of the plastic T-profile.



The side supports are screwed to the (half) brackets. Two screws are used per side to mount the intermediate supports in the brackets.



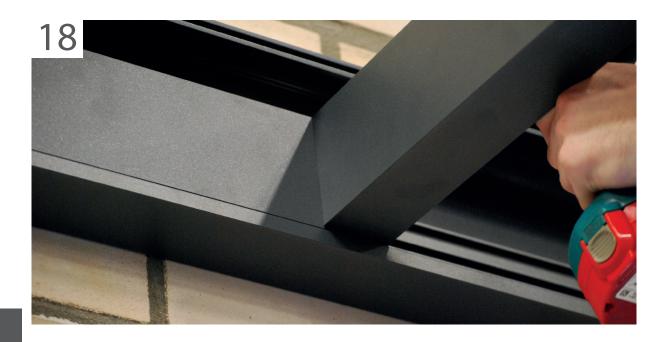
Make sure the roof is aligned squarely so that the beams are at right angles. If necessary, use a protractor or other method to determine squareness.

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Installation of the roof beams



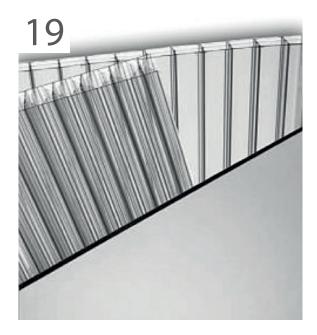
Once the side supports are installed, position the gutter riser directly against the side supports.



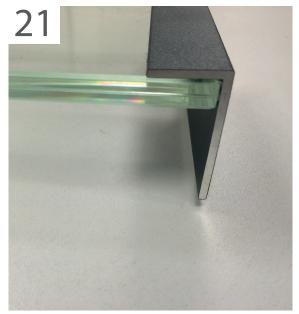
Screw the next intermediate support into place, position the support directly against the gutter riser, and tighten the bracket in place using the Allen key. Note: The last gutter riser is a clamping device. The clamping device must be sawn and installed last.

Mounting the sheets

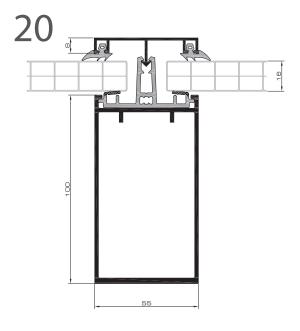




Remove the film from the panel. The labeled side contains a UV filter. This side must face up. The supplied condensation profile must be attached with the smooth side facing up. This profile is attached to the side with the exposed condensation band.



Glass roofs come with an angle iron, which is attached to the front of the glass pane. The angle iron is then sealed with sealant.



This is the gutter side. Ensure that there is space for ventilation between the pane and the condensation profile. Place the panes on the supports. At the same time, check the gap along the pane.



Finishing the veranda

Note: Thoroughly seal between the side beams and the end wall.

Once the first pane is on the veranda, the cover strips are installed. Trim any excess rubber from the cover strips. Ensure that the panel, cover strip, and plastic support end at the same height in the gutter. For glass roofs, ensure that the last piece of the cover strip is carefully installed in the gutter. Otherwise, it may break the pane. If necessary, apply counterpressure.





A finishing profile must be installed in the edge rafters. This included profile can be used for glass or polycarbonate. For 16 mm polycarbonate, slide the finishing profile into the clamping strip as shown in the photo above.

A finishing profile must be installed in the edge rafters. This supplied profile can be used for glass or polycarbonate. For 8 mm or 10 mm laminated glass, slide the finishing profile into the clamping strip as shown in the photo above.

150 SL

Finishing the veranda





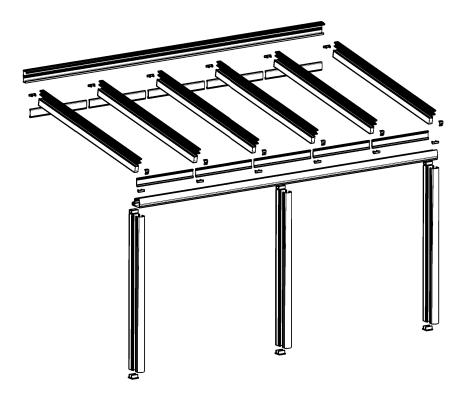
Now pull the wall rubber over the first pane and cut it at the height of the cover strips. Continue this process for the entire roof from left to right or vice versa. Cut the rubber in the gutter in the same way.



Position the buffer block on the plastic support and screw it in place. For a glass roof, leave the rubber protruding slightly; for a polycarbonate roof, leave it protruding slightly. Seal the side support.



Inst



Montage Pallazzo XL

Sie benötigen:

Für die Dachmontage

- Hammer drill for drilling the anchor holes.
 Including masonry drill bit.
- Cordless drill (2)
- Mounting screws and dowels
- Stairs (2)
- 4.2 mm aluminum drill bit for the screws
- Plastic hammer
- Spirit level
- Allen key
- Socket wrench set
- · Cement syringe
- Silicone cement (2)
- Carpet knife
- Channel lifter (for adjusting the steel gutter to the desired height)
- Compression tap

- Additional material for connecting the connection
- to the included waste pipe
- Power cable and switch for connecting any spotlights

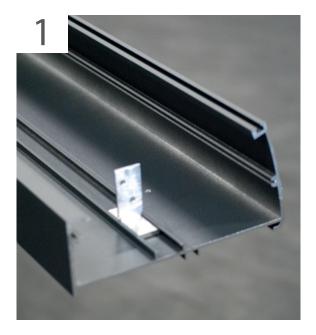
For glass

• Suction cups and gloves

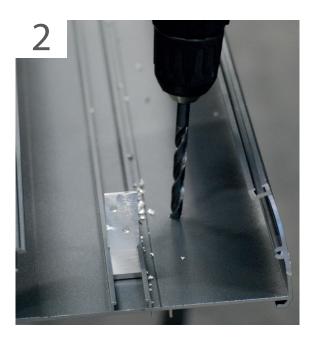
For concrete bases

 Shovel, quick-setting concrete and a paving slab.

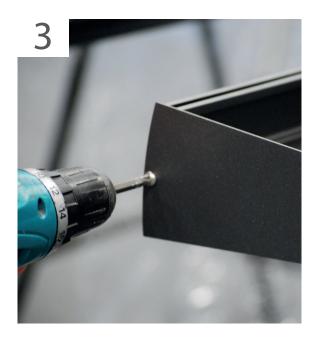




Release the risers from the wall profile by pulling them toward you. Install the half bracket at a distance of 55 mm from the side of the wall profile.



Drill holes into the wall profile at 50 cm intervals. If necessary, zigzag these holes. The size of the holes depends on the fastening material used.



Glue the seal to the inside of the end walls, then screw the end walls in place. If necessary, apply compression tape to the back of the wall profile along its entire length.



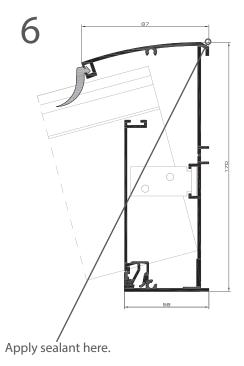
Attach the wall profile to the facade.

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Installation of the wall profile



Ensure that the wall profile is positioned horizontally. Seal the top of the wall profile.

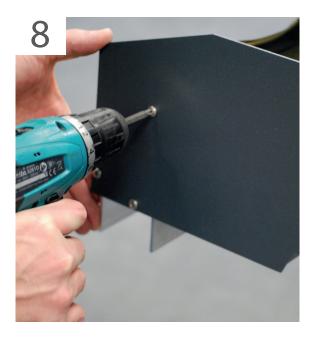


Installation of the gutter





Release the gutter risers from the gutter by pulling them toward you. Install the bracket at a distance of 55 mm from the side of the gutter. Install the brackets at both ends of the gutter.



If necessary, glue a seal to the inside of the end walls for drainage, then screw the end walls in place. If necessary, seal the end walls.



Screw the post brackets to the bottom of the gutter at the desired location. A strip can be sawn off the post as a drilling jig to determine the correct position of the bracket. Do not drill into the gutter box.

Installation of the pillars



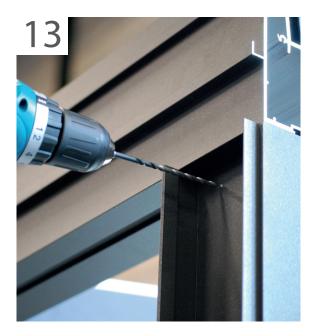
Remove the front part of the post. Place any included base plates on the foundation. Screw the posts to the base plate from the inside.



Place the gutter on the posts. This is best done once all preparations for the roof supports have been completed, so that you can proceed directly with the installation of the roof supports.



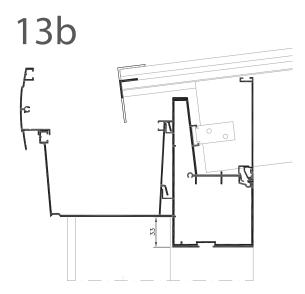
Once the gutter has been aligned horizontally, drill holes and screw in the posts. Now you can proceed with the roof supports.



Drill holes through the block on the top side. Screw the post to the block. (Do not use the included screws.)

Installation of the roof beams







Place the gutter

Drill holes from the top to attach the curtain box. Screw the box in place at 1000 mm intervals. Then seal the edge between the gutter box and the back of the gutter.



Drill drainage holes into the rear section of the gutter for possible condensation. The drainage holes must be placed at four locations at the height of the post.

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Installation of the roof beams



The holes for the Pallazzo LED spotlights are drilled with a diameter of 29 mm. Please refer to the wiring diagrams for wiring connections.



Install the supplied screw and washer to later secure the window stopper in the bottom chamber of the plastic T-profile.



The side supports are screwed to the (half) brackets. Two screws are used per side to mount the intermediate supports in the brackets.



Make sure the roof is aligned squarely so that the beams are at right angles. If necessary, use a protractor or other method to determine squareness.

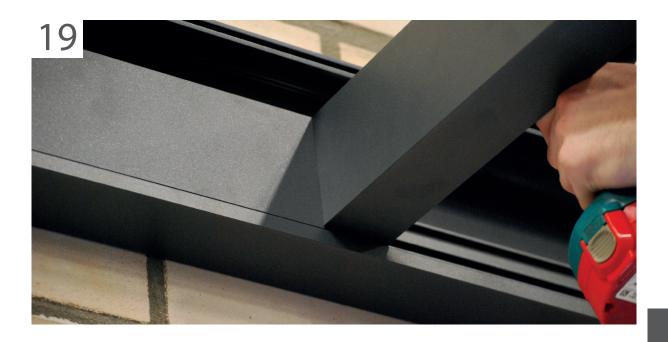
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Installation of the roof beams



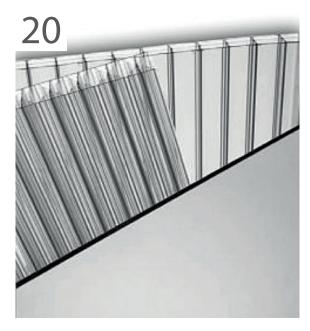


Once the side supports are installed, position the gutter riser directly against the side supports.



Screw the next intermediate support into place, position the support directly against the gutter riser, and tighten the bracket in place using the Allen key. Note: The last gutter riser is a clamping device. The clamping device must be sawn and installed last.

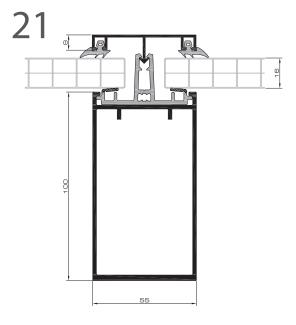
Mounting the sheets



Remove the film from the panel. The labeled side contains a UV filter. This side must face up. The supplied condensation profile must be attached with the smooth side facing up. This profile is attached to the side with the exposed condensation band.



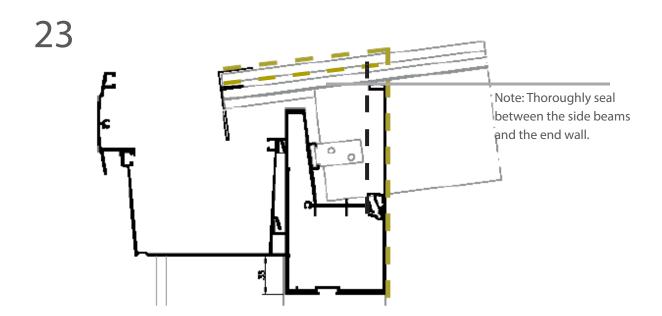
Glass roofs come with an angle iron, which is attached to the front of the glass pane. The angle iron is then sealed with sealant.



This is the gutter side. Ensure that there is space for ventilation between the pane and the condensation profile. Place the panes on the supports. At the same time, check the gap along the pane.

Finishing the veranda





Wenn die erste Scheibe auf der Veranda liegt, werden die Abdeckleisten angebracht. Das überschüssige Gummi von den Abdeckleisten abschneiden. Darauf achten, dass die Platte, die Abdeckleisteund der Kunststoffträger in der Rinne auf gleicher Höhe enden. Bei Glasdächern darauf achten, dass das letzte Stück der Abdeckleiste vorsichtig in der Rinne angebracht wird. Anderenfalls kann es die Scheibe zerbrechen. Eventuell mit Gegendruck arbeiten.





A finishing profile must be installed in the edge rafters. This included profile can be used for glass or polycarbonate. For 16 mm polycarbonate, slide the finishing profile into the clamping strip as shown in the photo above.

A finishing profile must be installed in the edge rafters. This supplied profile can be used for glass or polycarbonate. For 8 mm or 10 mm laminated glass, slide the finishing profile into the clamping strip as shown in the photo above.

Finishing the veranda



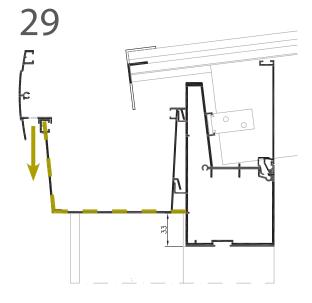
Now pull the wall rubber over the first pane and cut it at the height of the cover strips. Continue this process for the entire roof from left to right or vice versa. Cut the rubber in the gutter in the same way.



Position the buffer block on the plastic support and screw it in place. For a glass roof, leave the rubber protruding slightly; for a polycarbonate roof, leave it protruding slightly. Seal the side support.

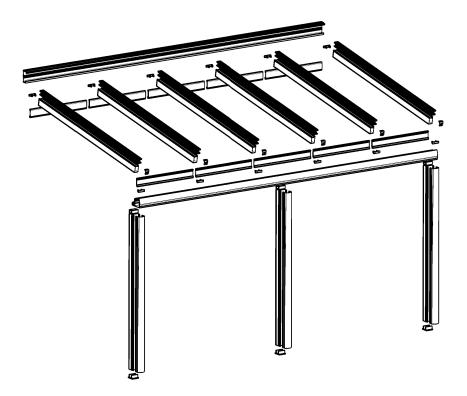


Screw the decorative part onto the gutter.



Seal the edge between the gutter box and the rear part of the gutter. Drill holes with a center distance of 1000 mm for the overflow.





Montage Pallazzo XLR

Sie benötigen:

Für die Dachmontage

- Hammer drill for drilling the anchor holes.
 Including masonry drill bit.
- Cordless drill (2)
- Mounting screws and dowels
- Stairs (2)
- 4.2 mm aluminum drill bit for the screws
- Plastic hammer
- Spirit level
- Allen key
- Socket wrench set
- · Cement syringe
- Silicone cement (2)
- Carpet knife
- Channel lifter (for adjusting the steel gutter to the desired height)
- Compression tap

- Additional material for connecting the connection
- to the included waste pipe
- Power cable and switch for connecting any spotlights

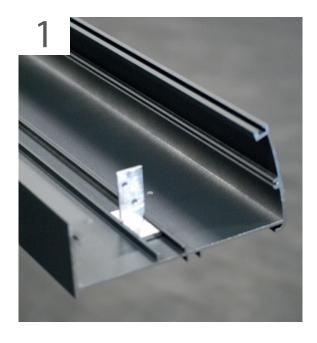
For glass

• Suction cups and gloves

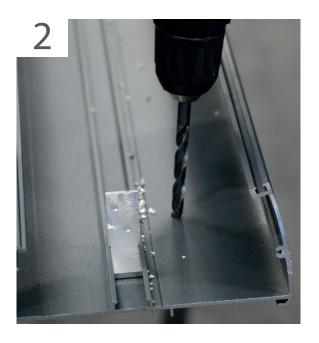
For concrete bases

 Shovel, quick-setting concrete and a paving slab.

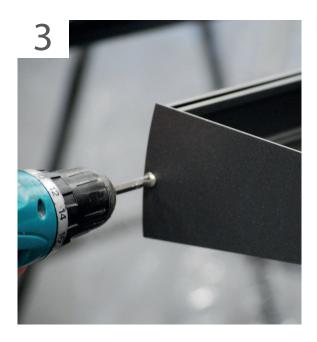




Release the risers from the wall profile by pulling them toward you. Install the half bracket at a distance of 55 mm from the side of the wall profile.



Drill holes into the wall profile at 50 cm intervals. If necessary, zigzag these holes. The size of the holes depends on the fastening material used.

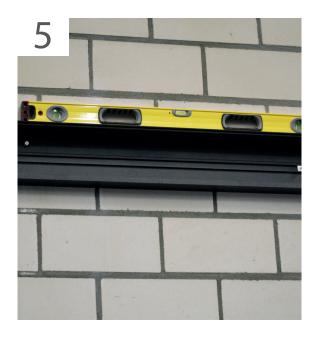


Glue the seal to the inside of the end walls, then screw the end walls in place. If necessary, apply compression tape to the back of the wall profile along its entire length.

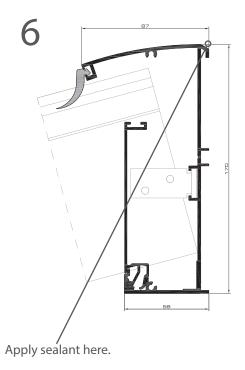


Attach the wall profile to the facade.



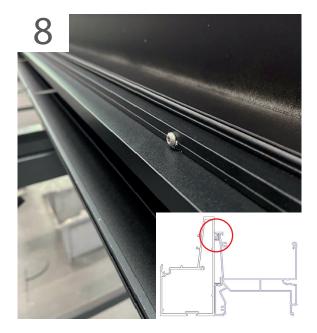


Ensure that the wall profile is positioned horizontally. Seal the top of the wall profile.

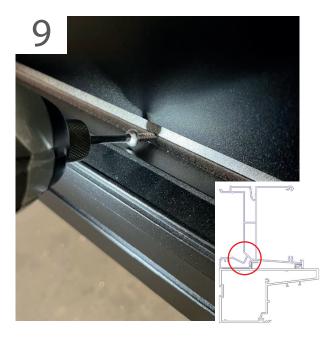


Installation of the gutter

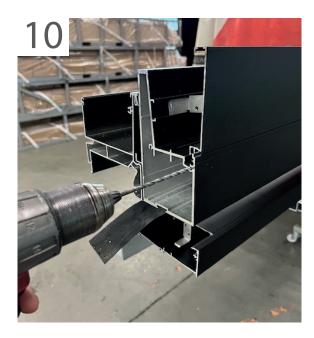




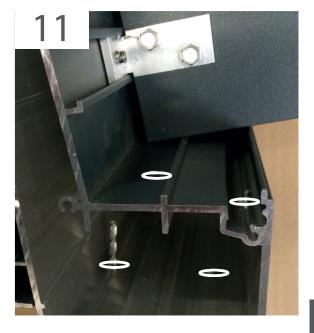
Hook the gutter profile N98952 onto the beam P-98-3010 and fasten it at the top by drilling a hole \emptyset 4.2mm every +/- 50cm and inserting a screw.



Also, connect the gutter profile to the beam on the inside of the gutter. Connect them by drilling a 4.2 mm diameter hole every +/- 50 cm and inserting a screw.



Drill out the two screw chambers on both sides of the cross brace P-98-3010 using a 4.2 mm diameter drill bit. Do this to a depth of approximately 20 mm.



Drill drainage holes at the back of the gutter to allow any condensation to drain away. Do this at the location where the post will be placed, inside the edges of the post.

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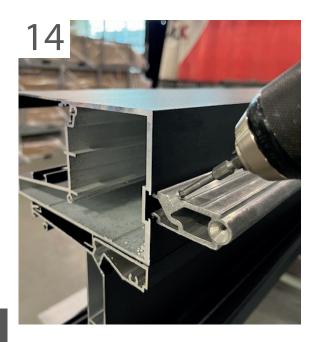
Installation of the gutter



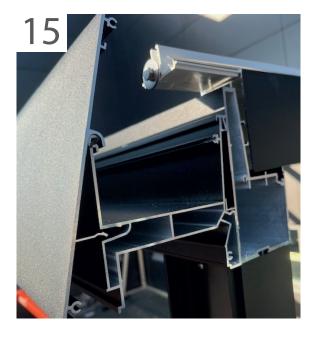
Seal the edge between the gutter box and the rear part of the gutter. Do this at the specified location.



Click the gutter risers out of the gutter by pulling them toward you. Mount the bracket 55 mm from the side of the gutter. Do this at both ends of the gutter. Drill a 75 mm hole for the drain if necessary.



Click the post connector into the designated groove at the bottom of the gutter. When determining the correct position, consider the wall thickness of the posts. Tighten the post connector with an Allen key.



Hook the gutter riser into the gutter trough and click it into place.

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Installation of the gutter





Glue the seal to the aluminum end cap on both sides.



Slide the gutter reinforcement into the cross member. Then screw the end caps onto the cross member, the gutter, and the gutter riser.

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Installation of the pillars



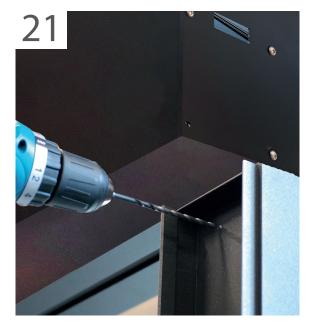
Remove the front part of the post. Place any included base plates on the foundation. Screw the posts to the base plate from the inside.



Place the gutter on the posts. This is best done once all preparations for the roof supports have been completed, so that you can proceed directly with the installation of the roof supports.



Once the gutter has been aligned horizontally, drill holes and screw in the posts. Now you can proceed with the roof supports.



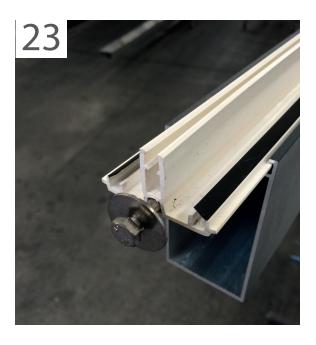
Drill holes through the block on the top side. Screw the post to the block. (Do not use the included screws.)

Installation of the roof beams

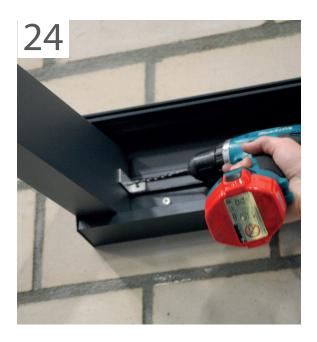




The holes for the Pallazzo LED spotlights are drilled with a diameter of 29 mm. Please refer to the wiring diagrams for wiring connections.



Install the supplied screw and washer to later secure the window stopper in the bottom chamber of the plastic T-profile.



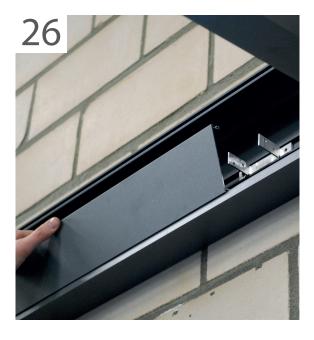
The side supports are screwed to the (half) brackets. Two screws are used per side to mount the intermediate supports in the brackets.



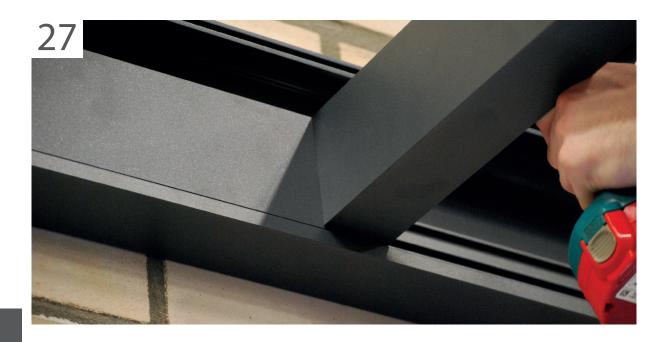
Make sure the roof is aligned squarely so that the beams are at right angles. If necessary, use a protractor or other method to determine squareness.



Installation of the roof beams



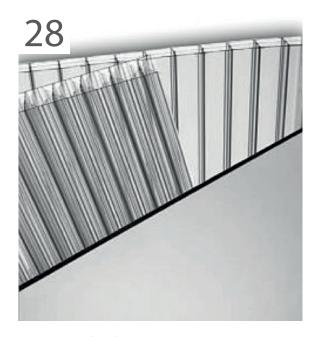
Once the side supports are installed, position the gutter riser directly against the side supports.



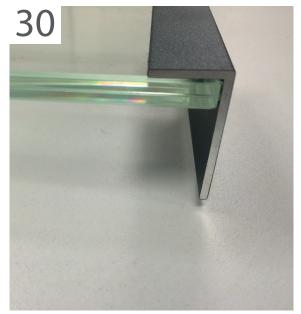
Screw the next intermediate support into place, position the support directly against the gutter riser, and tighten the bracket in place using the Allen key. Note: The last gutter riser is a clamping device. The clamping device must be sawn and installed last.

Mounting the sheets

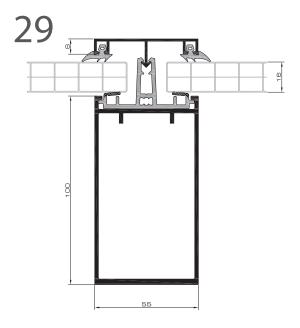




Remove the film from the panel. The labeled side contains a UV filter. This side must face up. The supplied condensation profile must be attached with the smooth side facing up. This profile is attached to the side with the exposed condensation band.



Glass roofs come with an angle iron, which is attached to the front of the glass pane. The angle iron is then sealed with sealant.



This is the gutter side. Ensure that there is space for ventilation between the pane and the condensation profile. Place the panes on the supports. At the same time, check the gap along the pane.

Finishing the veranda



When placing an INVIGO PRO under the gutter, it must first be pre-drilled using a 4.2 mm diameter drill bit. Repeat this every meter, countersinking the holes.

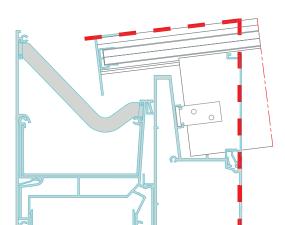


Place the guide profile in the corresponding opening, ensuring that both sides fit behind the post sides. Drill through the prepared holes in the first gutter wall and then screw the parts together.

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If INVIGO PRO is NOT installed, cover the opening in the gutter with a cover strip. Align it so that both sides fall behind the post sides and click it into the opening.



Apply a sealant line at the specified location as an additional water barrier.

Finishing the veranda





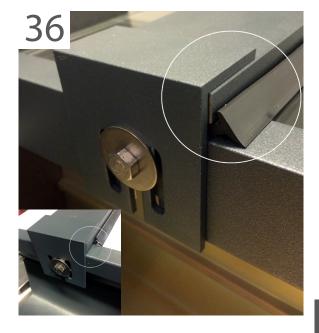
Stick 3 foam blocks to the decorative end cap at the marked locations and also remove the paper on the visible side.



Place the hooks of the decorative end cap over the edge of the end cap.



Now pull the wall rubber over the first pane and cut it at the height of the cover strips. Continue this process for the entire roof from left to right or vice versa. Cut the rubber in the gutter in the same way at the height of

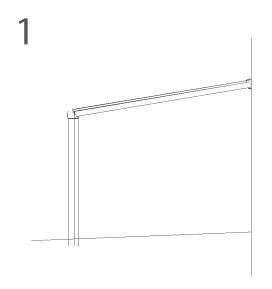


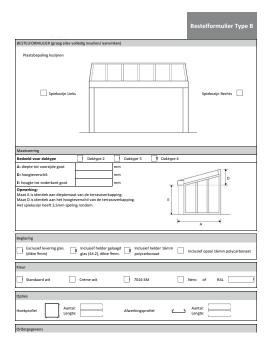
Position the buffer block on the plastic support and screw it in place. For a glass roof, leave the rubber protruding slightly; for a polycarbonate roof, leave it protruding slightly. Seal the side support.

Part 1a Measuring the side windows

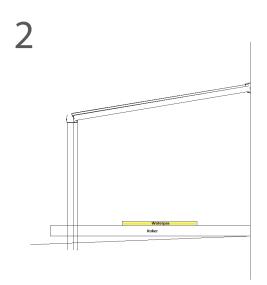
Measuring the side window

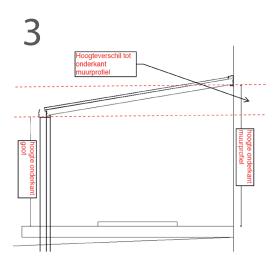






Please use the side window order form to measure.





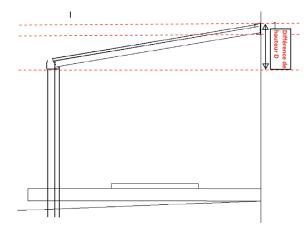
To determine the dimensions, provide an arrowhead. This can be done with a laser or, as described, with a cylinder. Attach a cylinder to the wall. Align the cylinder with a spirit level.

Measure from the arrow mark to the bottom edge of the gutter. Then measure from the arrow mark to the bottom edge of the wall profile. The difference between these measurements corresponds to the height difference to the bottom edge of the wall profile.

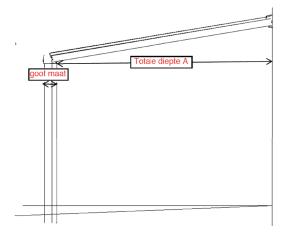


Measuring the side window

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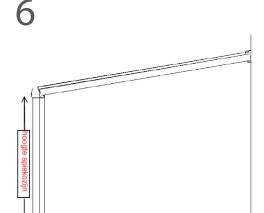


5



The height of the wall profile is added to the total height difference D. This is +/+ 168 mm.

For depth A, measure the distance to the back of the groove and add the groove dimension. For Type 150SL this is 199 mm, for XL, 184 mm, and for XL AVENTA, 222 mm.



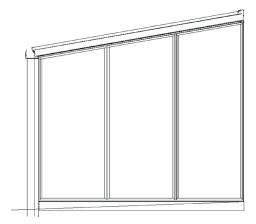
SpieSpie
Spie
Spi

Height E is the distance from the bottom of the gutter to the bottom of the frame. The minimum production dimension for E for frame types C and D is 73 mm for roofs 150SL & XL. For XL AVENTA, this is 24 mm. A smaller dimension for E is also available upon request.

Measuring the side window



7



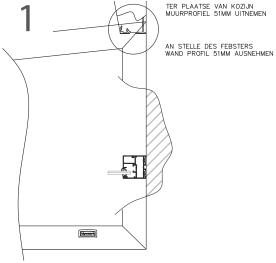
We assume that the frame is structurally supported. This must be taken into account when specifying the dimensions. The frame can be supported with a cylinder or a corner profile. Frame type E is ordered with a net dimension. When determining the frame height, allow for a 7 mm clearance. You can specify on the order form whether the wedge window is ordered with or without a 3.5 mm clearance.

Part 1b Installation of the side windows



Mounting the side window

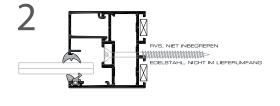


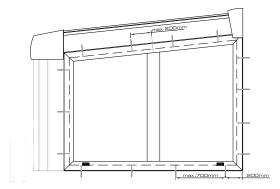


Remove all glazing beads from the frame.

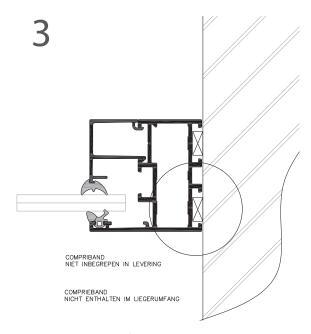
If necessary, make a 51 mm wide and 40 mm high

notch in the wall profile.



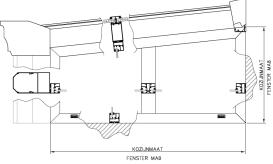


Remove all glazing beads from the frame. If necessary, make a 51 mm wide and 40 mm high notch in the wall profile.



We assume that the frame is structurally supported. This must be taken into account when specifying the dimensions. The frame can be supported with a cylinder or a corner profile.

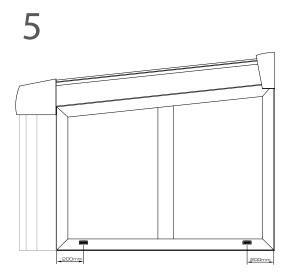




Attach the frame to the desired location. The frame shown in the drawing below has a 3.5 mm clearance all around. Ensure that the sides are flush with the support and the gutter/post. The space on the underside and wall can be filled if necessary. The drawing shows a 7 mm clearance. Screw the frame into place.



Mounting the side window



AFWATERINGSGATEN BEDEKKEN MET KUNSTSTOF KAPJE ABFLUßLOCH DECKEN MIT KUNSTSTOFF KAPPE

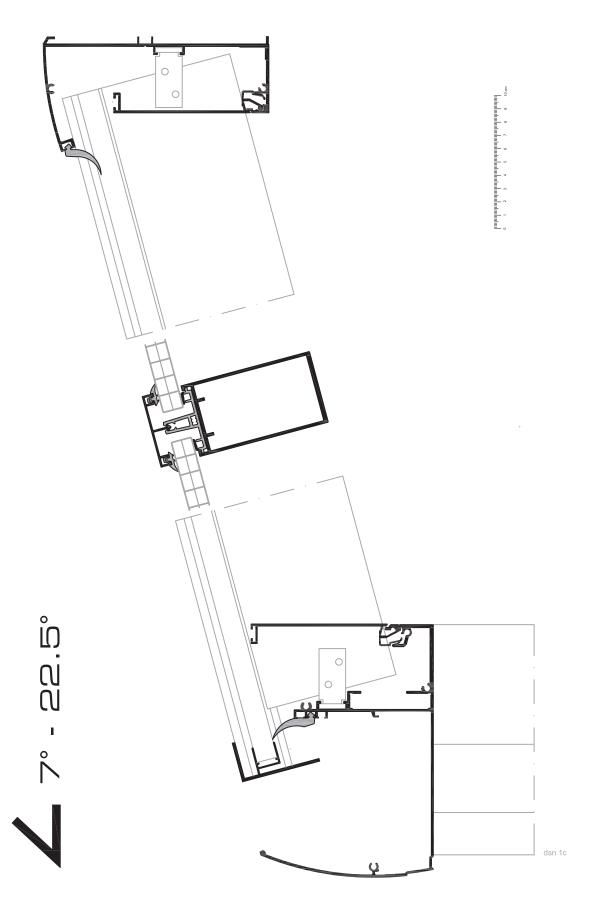
Place the pane on the glass plates. Fill with glass plates if necessary.

Attach the glass strips. Start at the top and bottom, then the left and right sides.

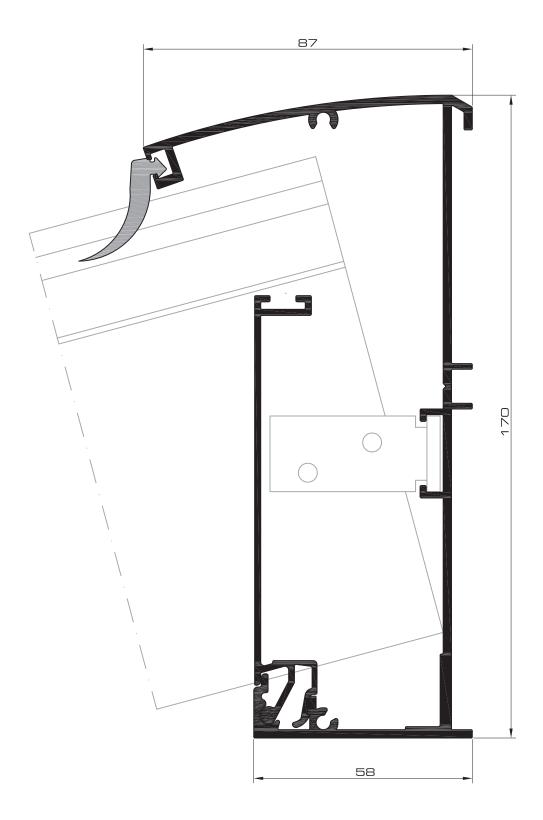
Line the inside of the frame with the included pane rubber. Cut the rubber to size with approximately 30 mm of excess length. Attach the water caps to the drainage holes.

Part II Detail Book

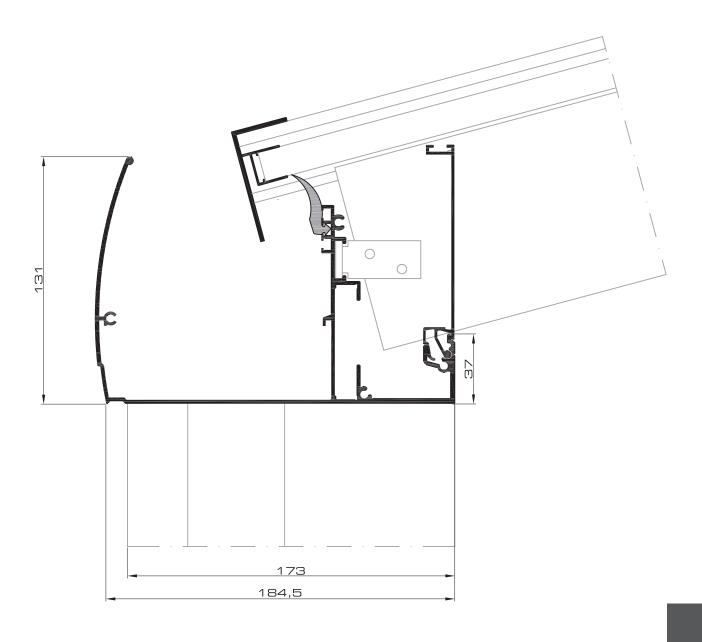






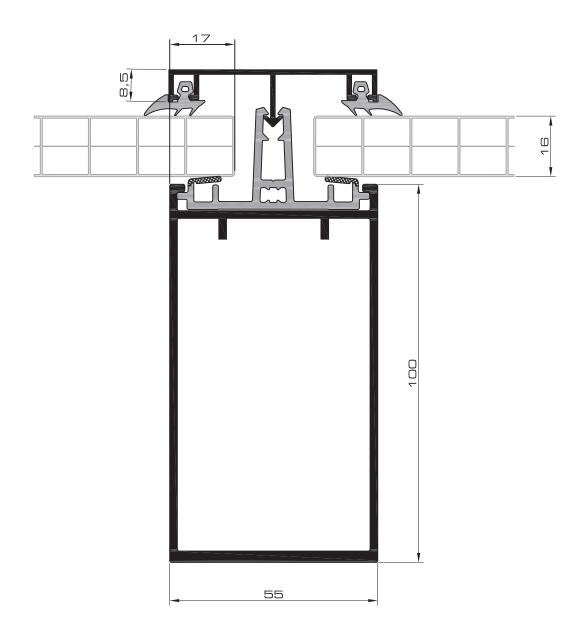




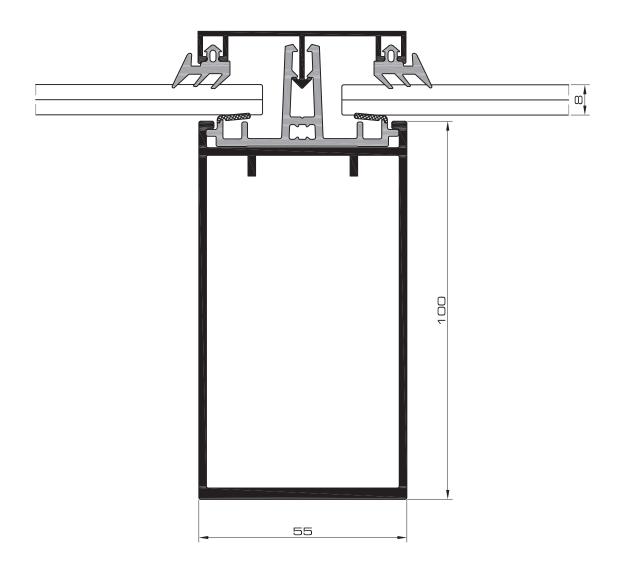


dsn 3c

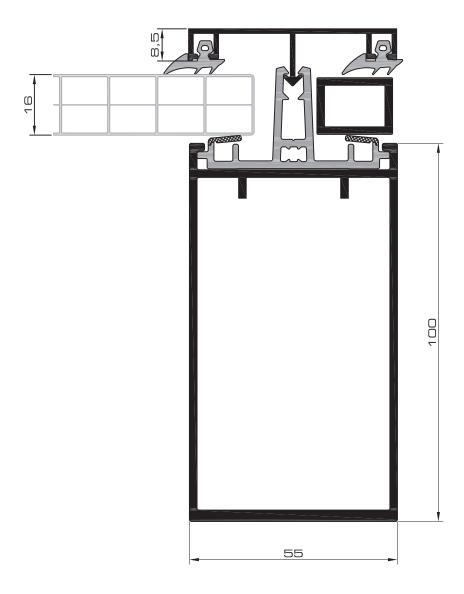




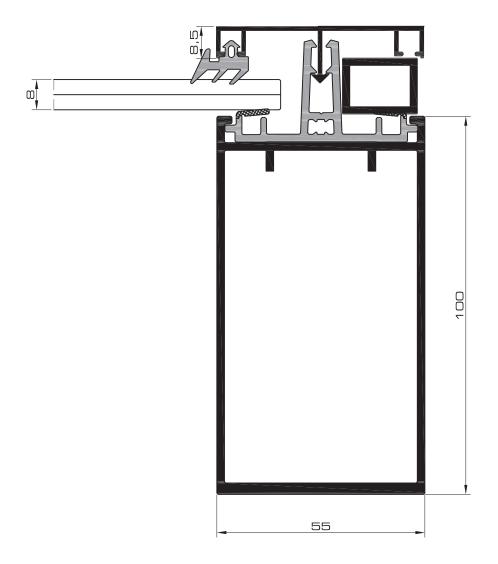




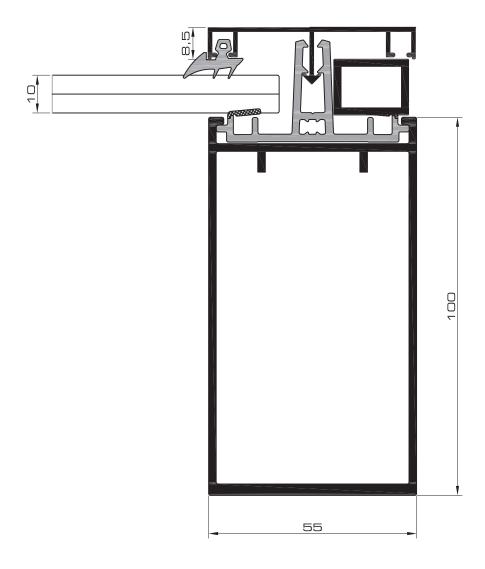




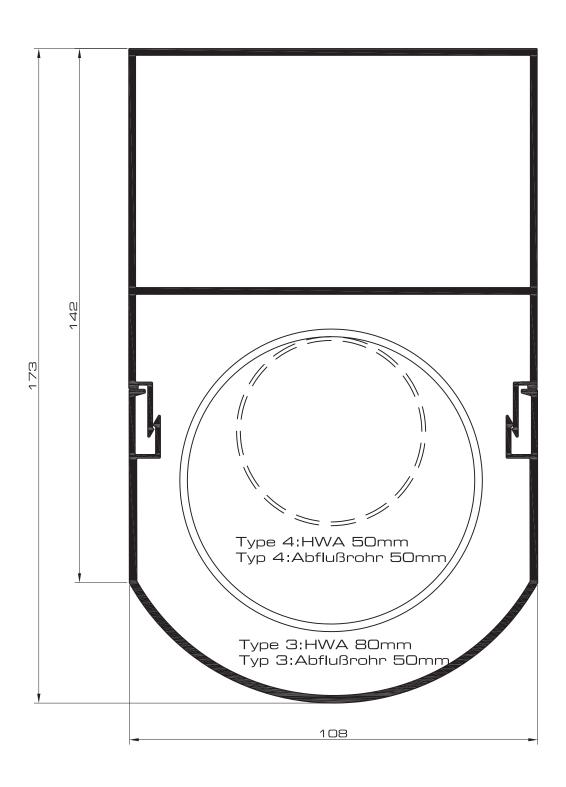






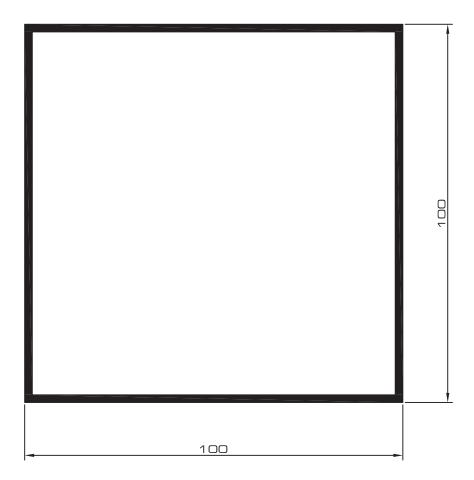




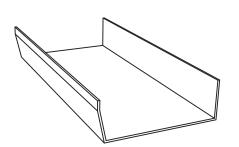


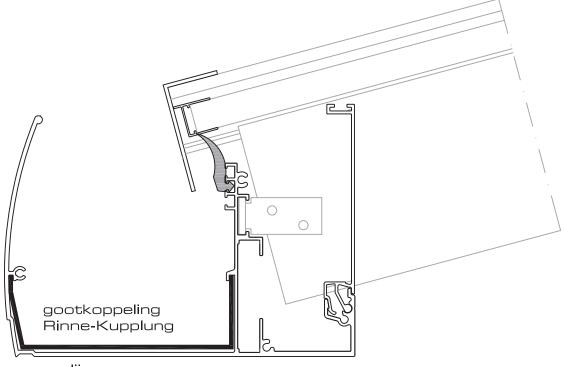
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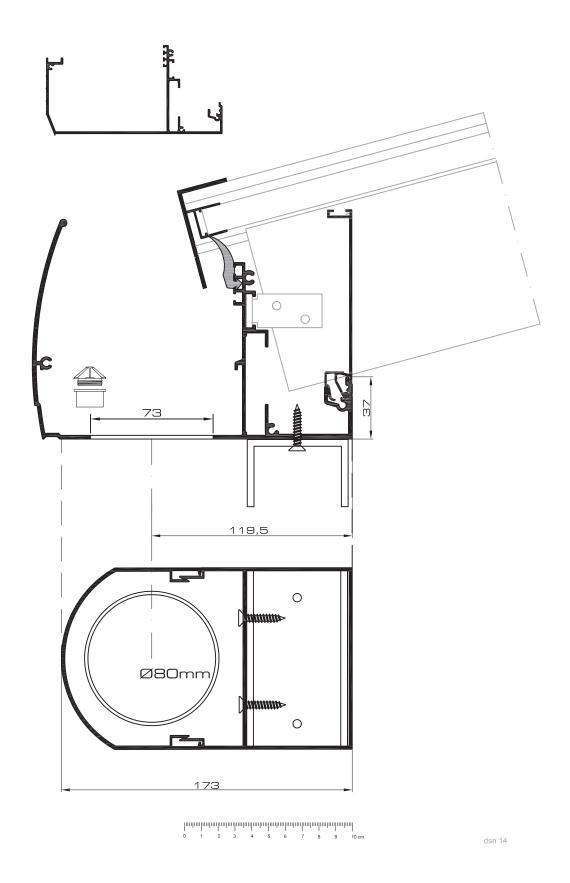
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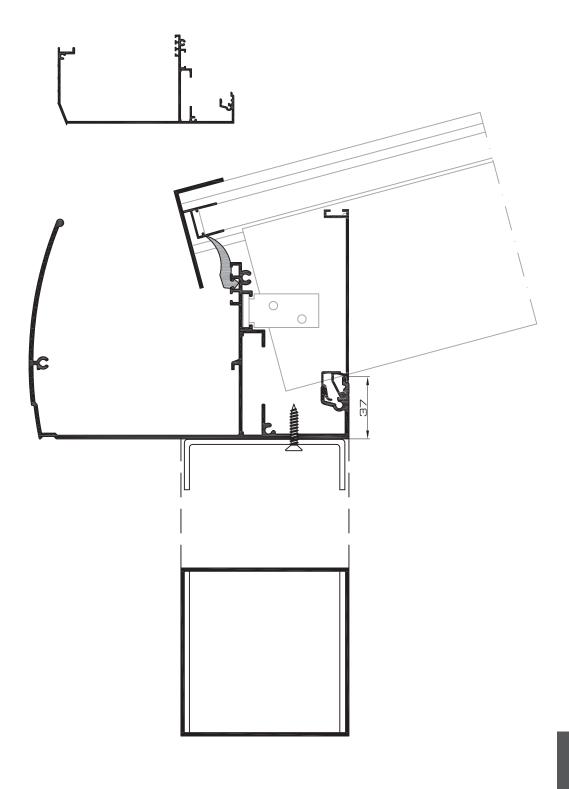
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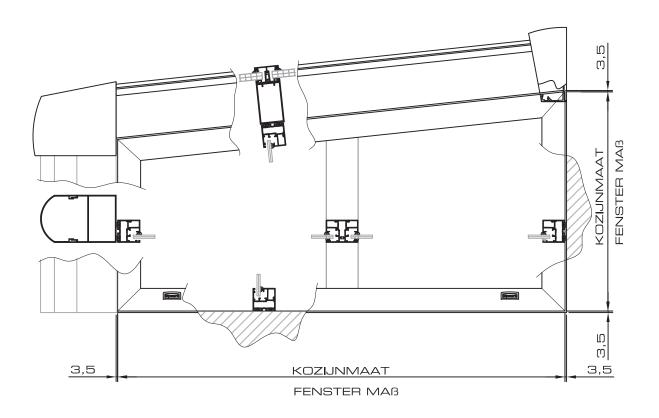






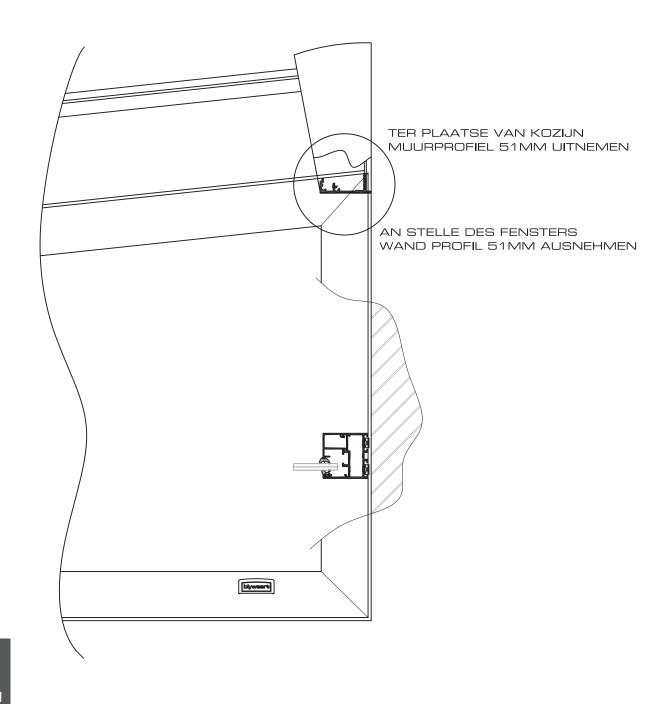






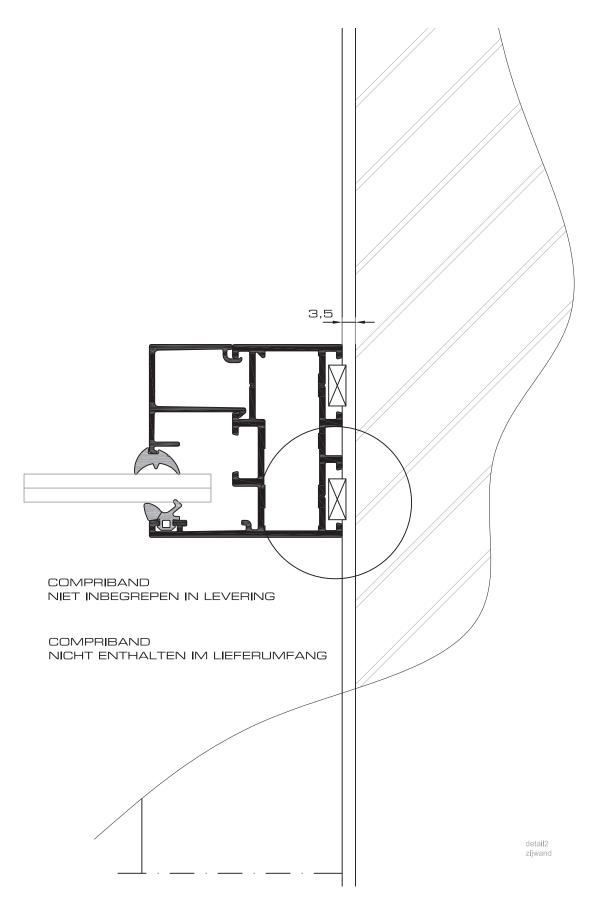
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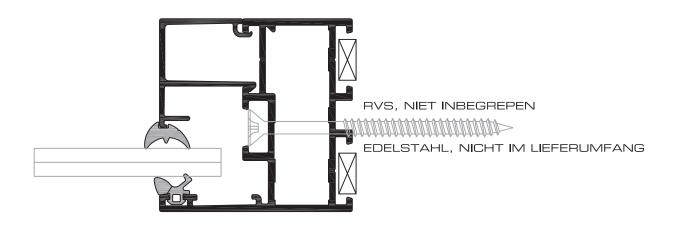


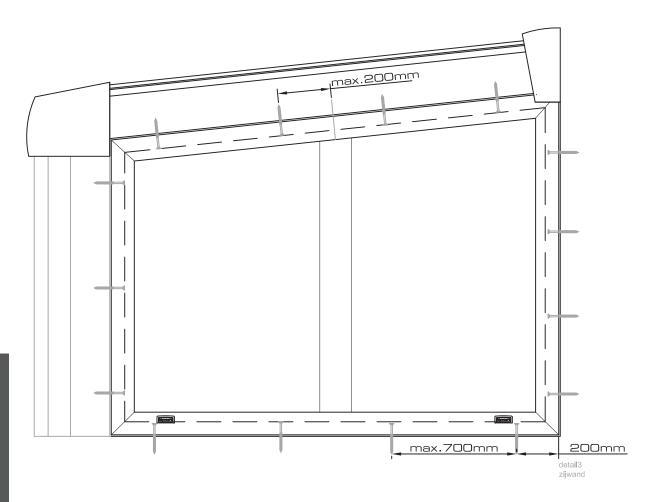
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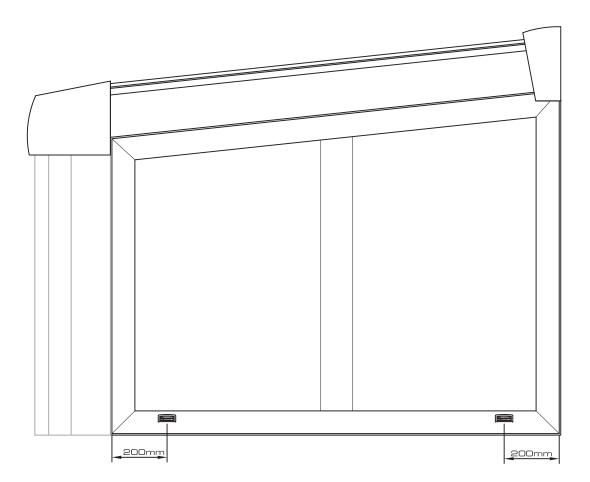






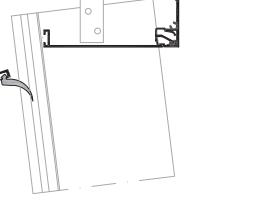






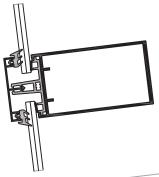
AFWATERINGSGATEN BEDEKKEN MET KUNSTSTOF KAPJE ABFLUßLOCH DECKEN MIT KUNSTSTOFF KAPPE

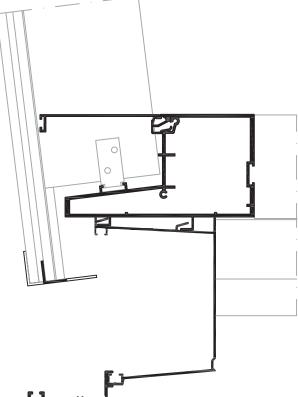
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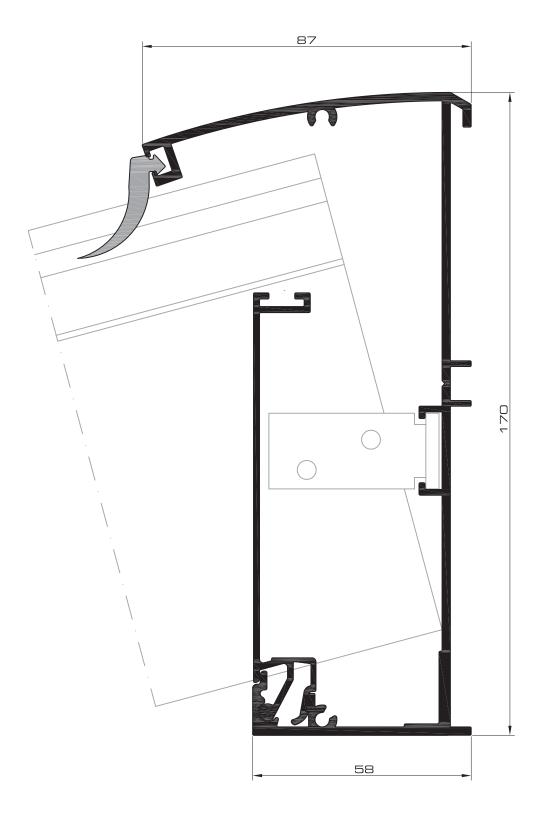


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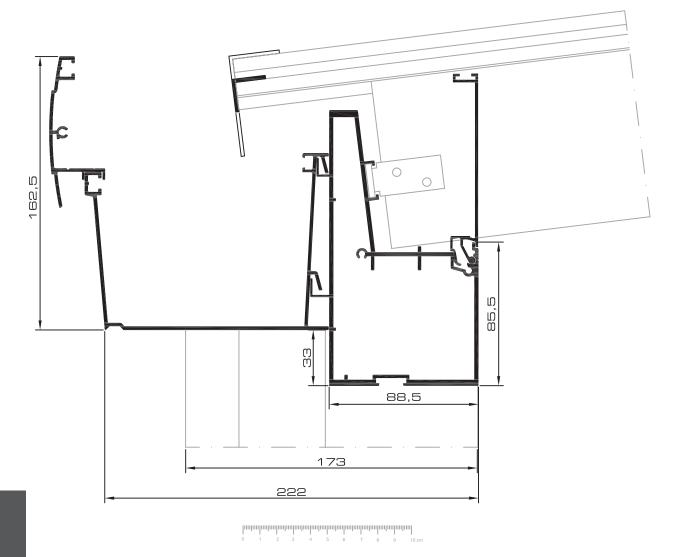
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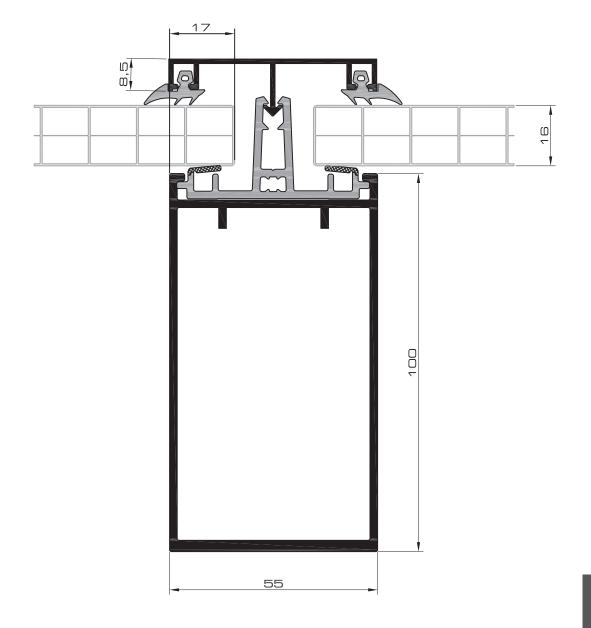




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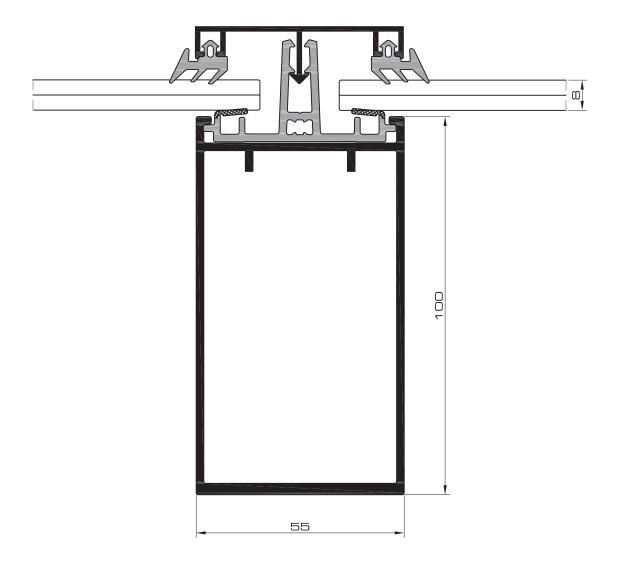
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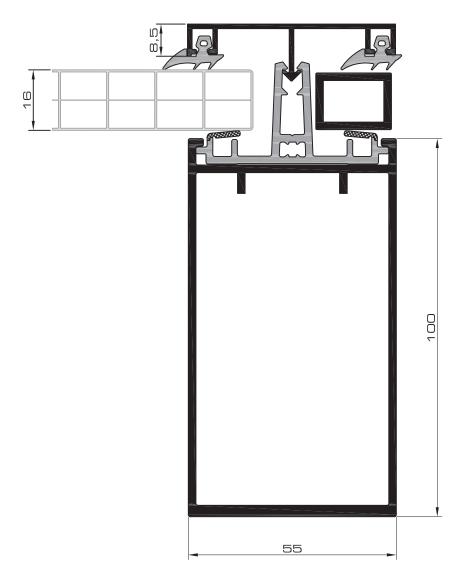
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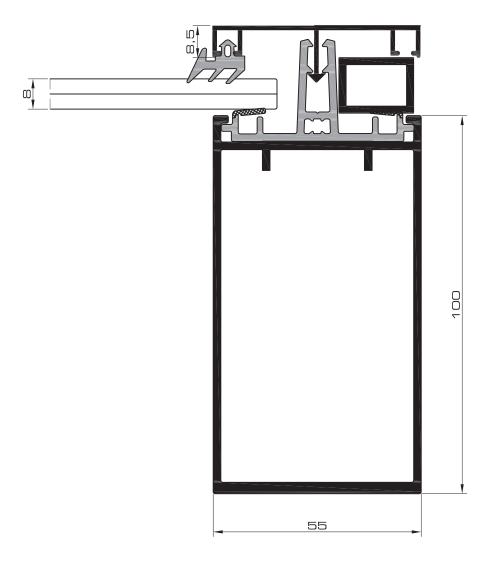
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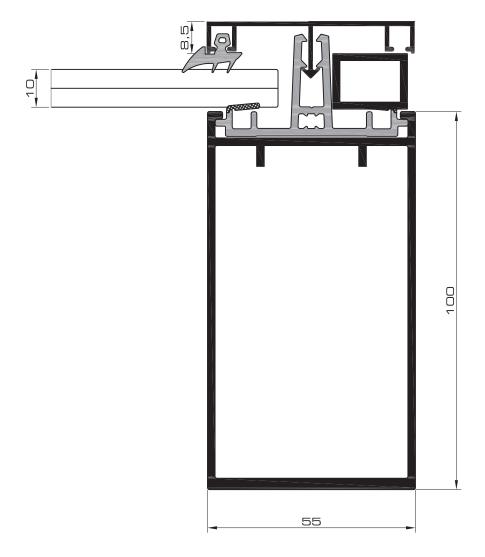
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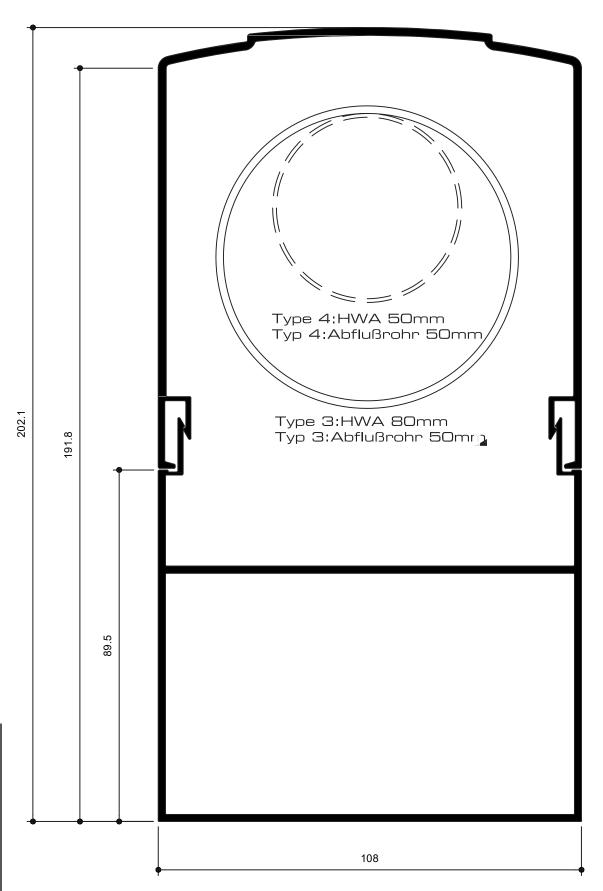
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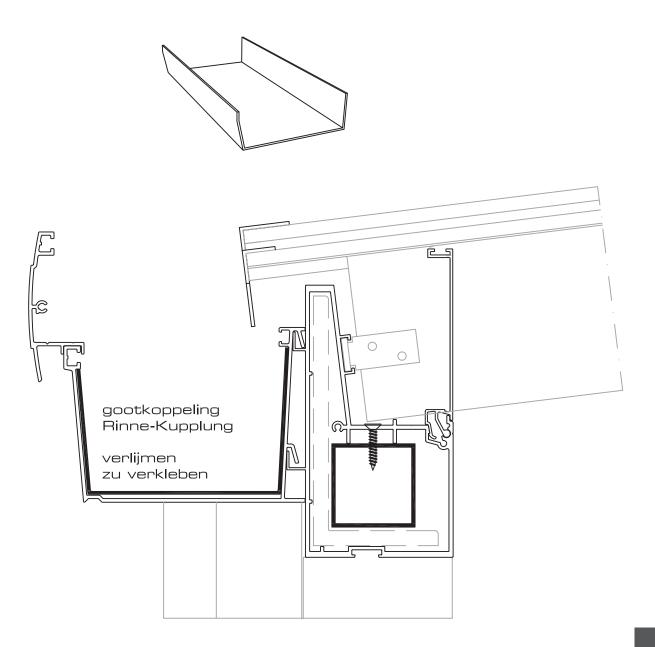


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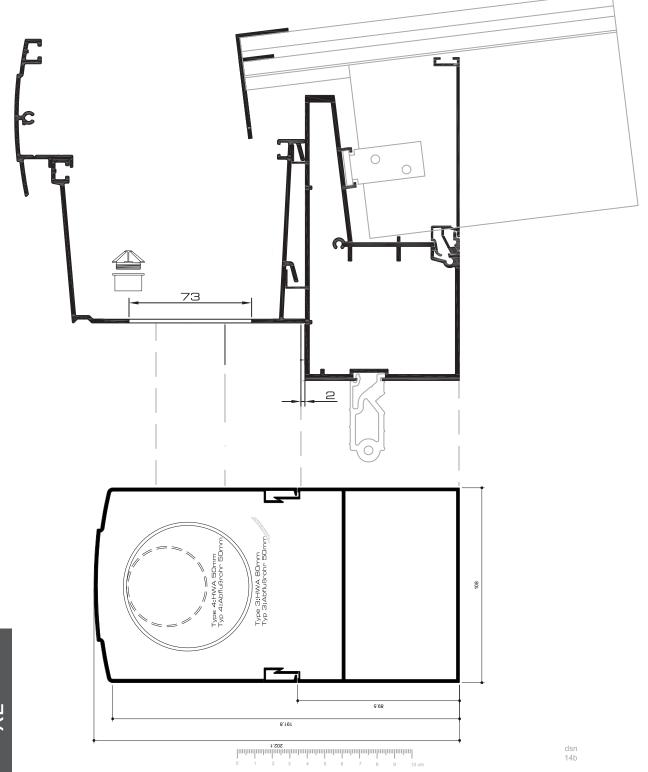




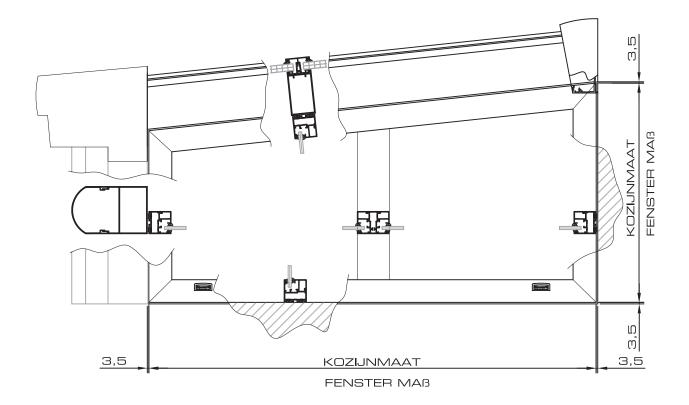




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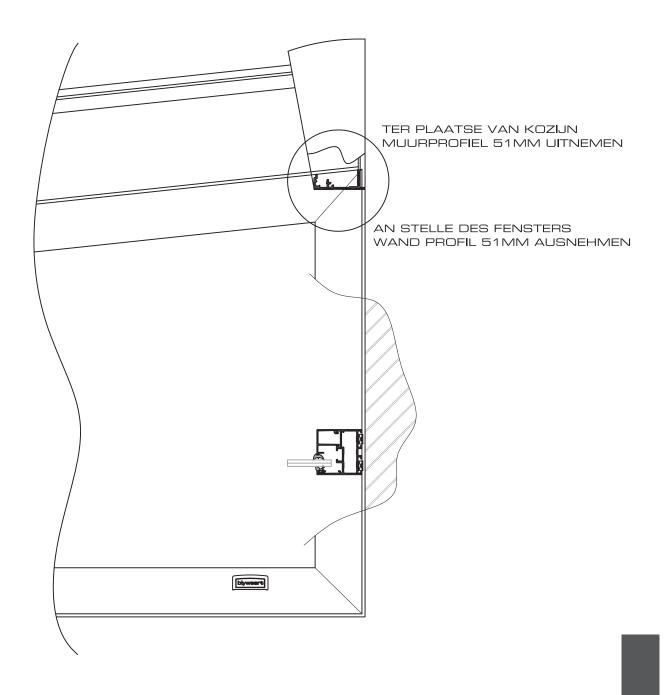






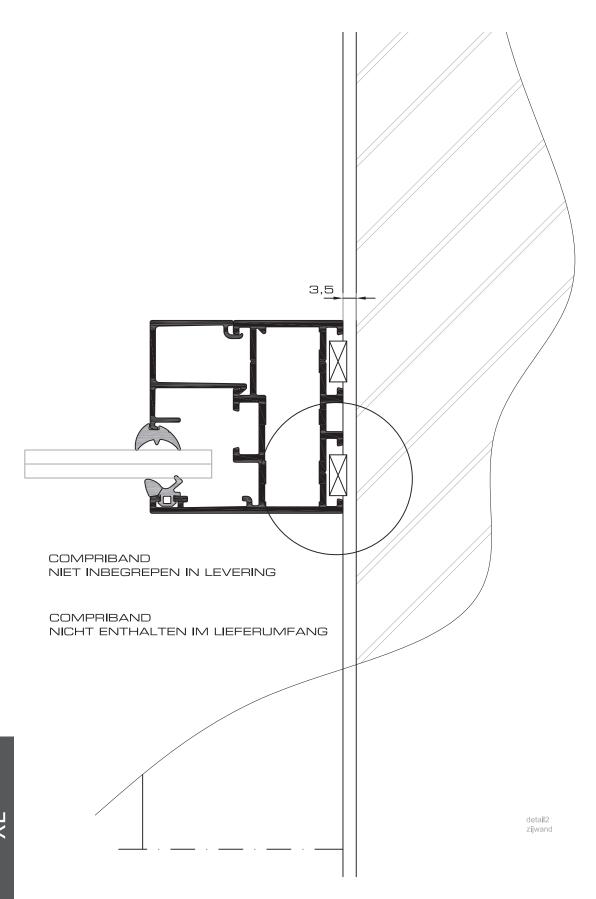
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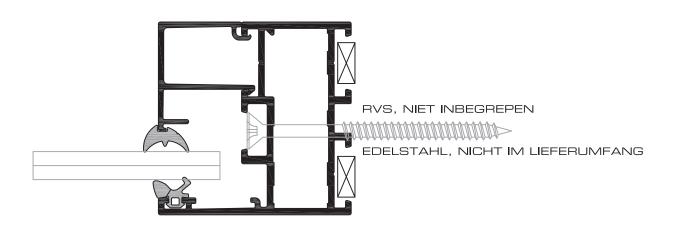


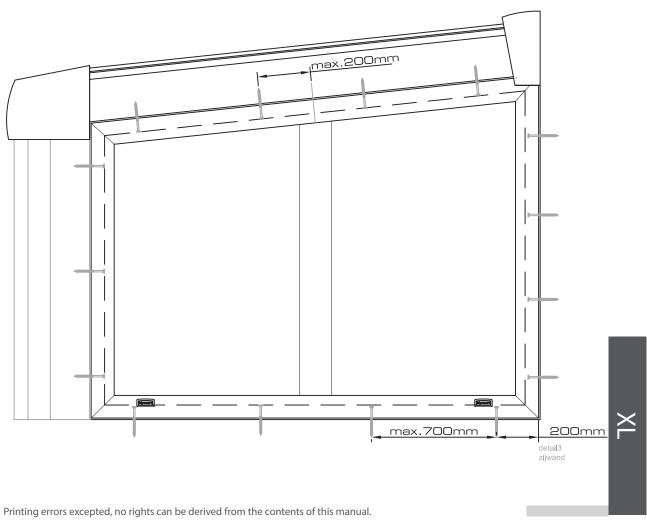
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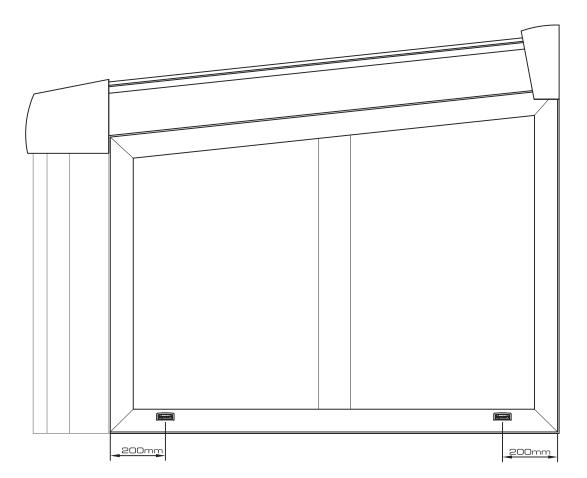








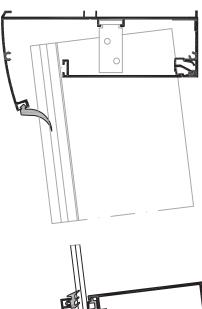




AFWATERINGSGATEN BEDEKKEN MET KUNSTSTOF KAPJE
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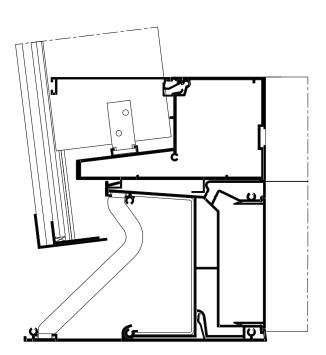
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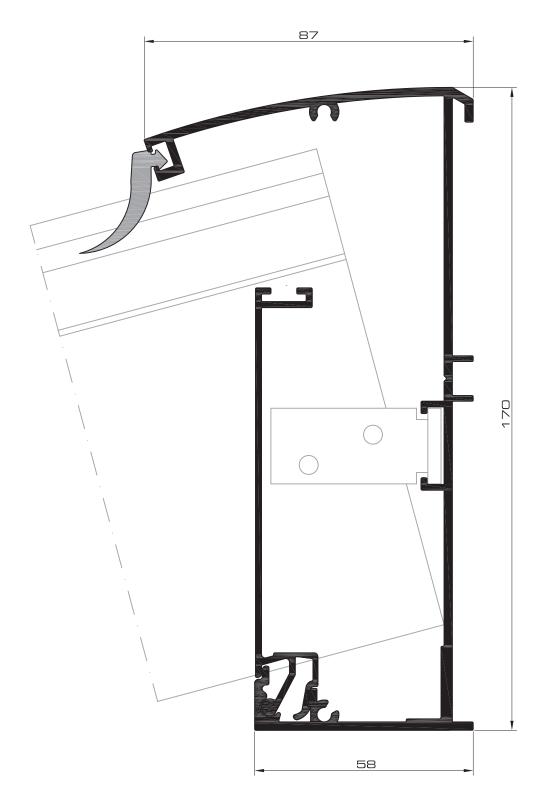


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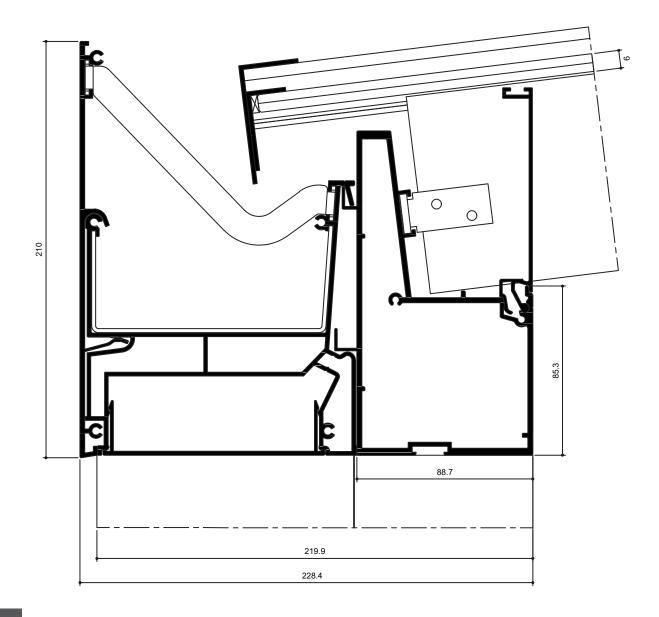






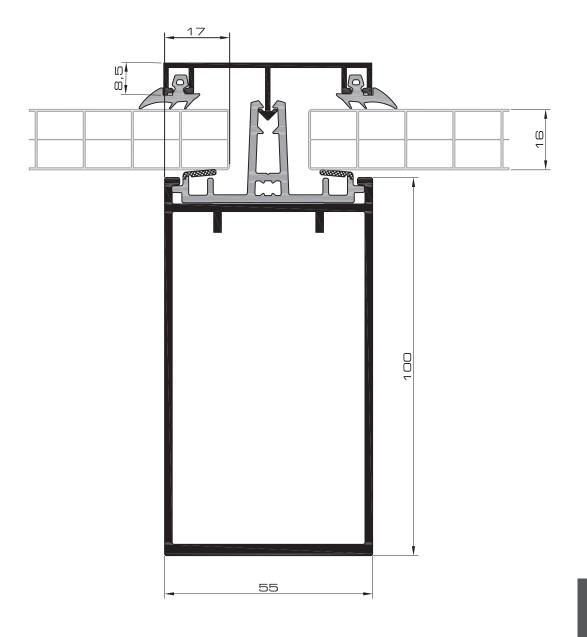
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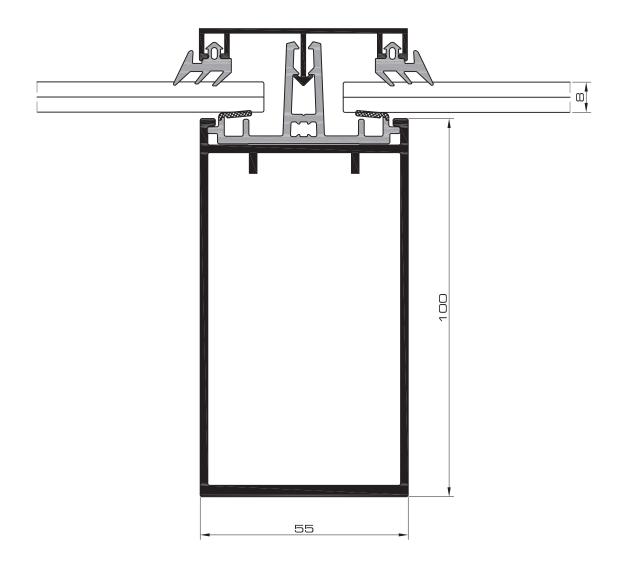
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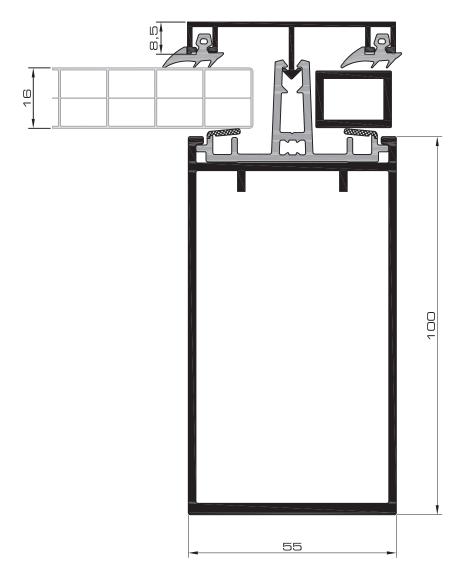


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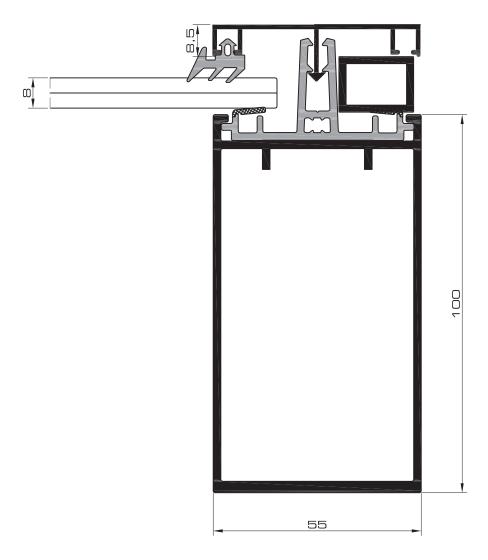




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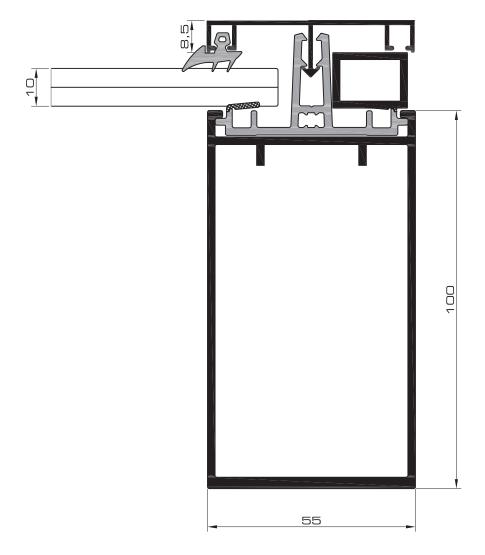


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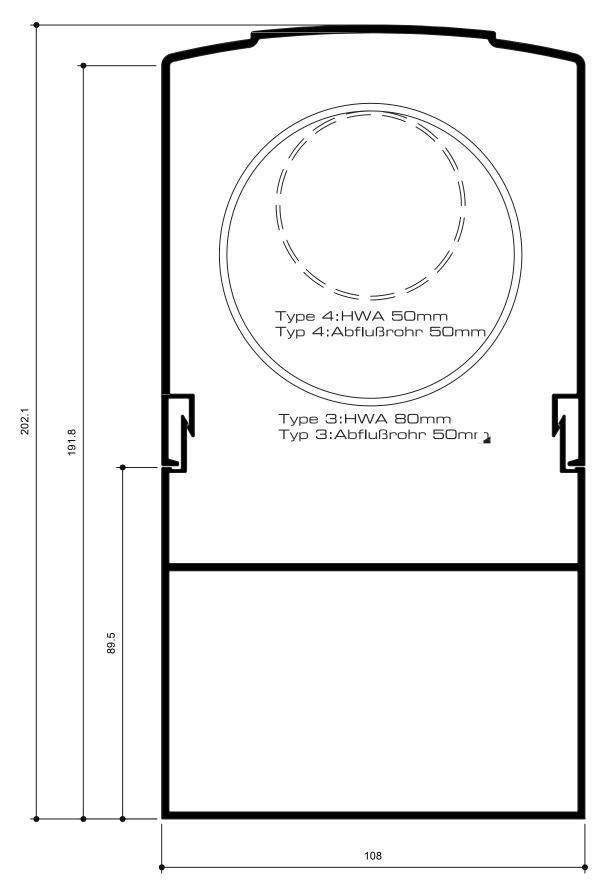
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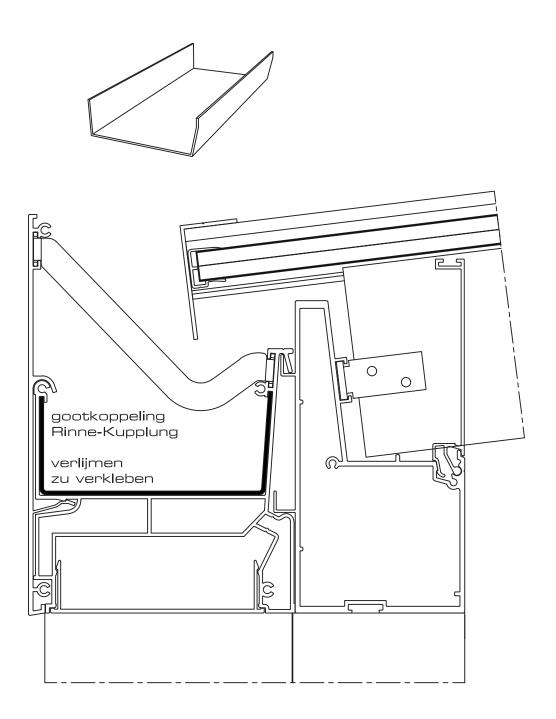


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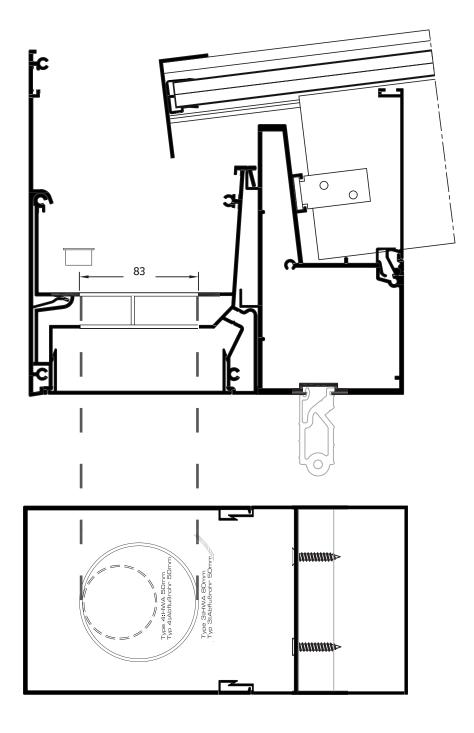




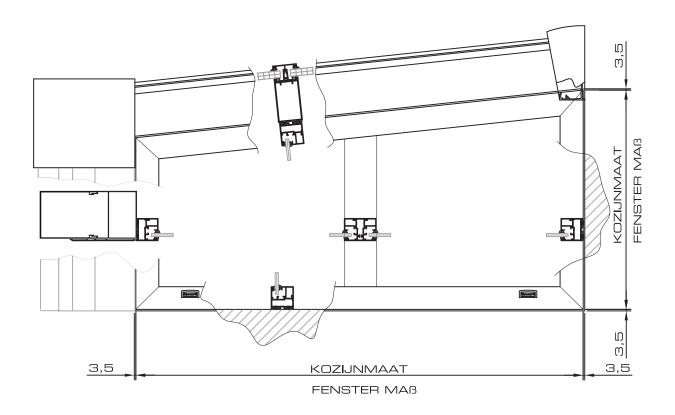




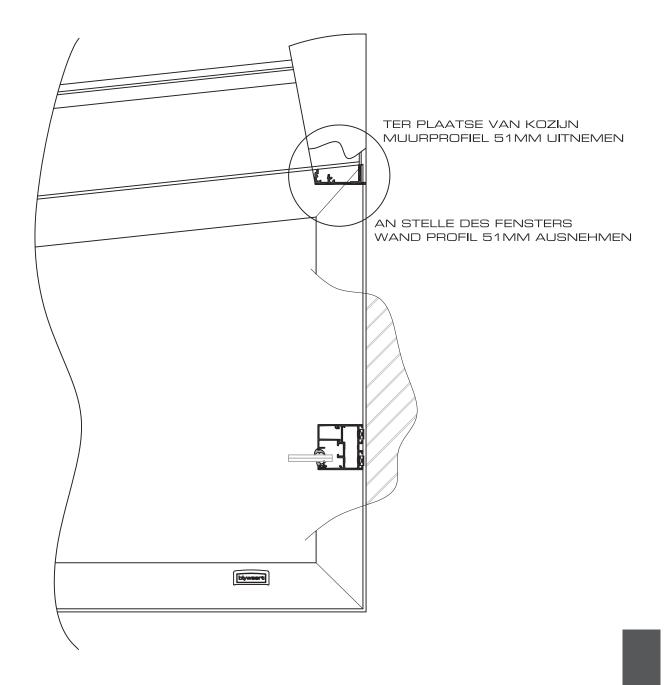




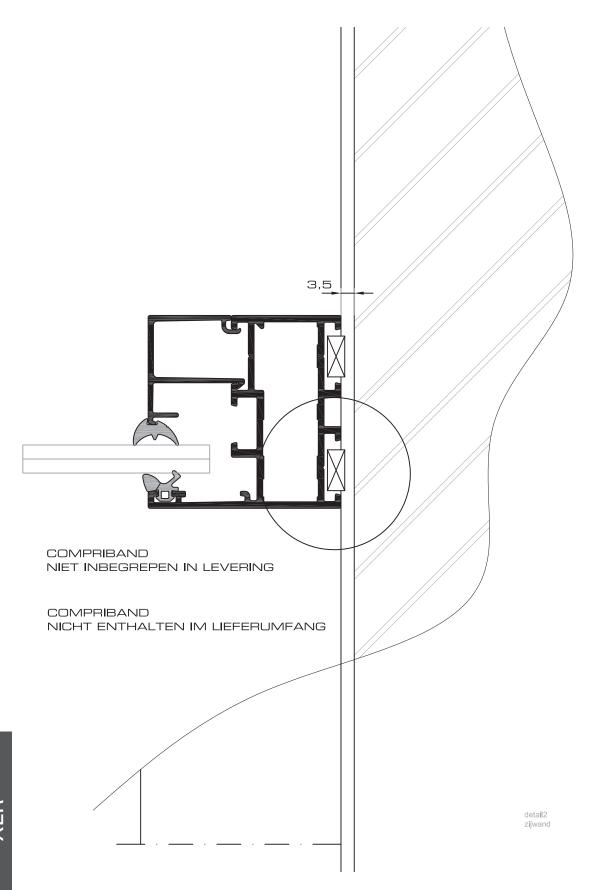




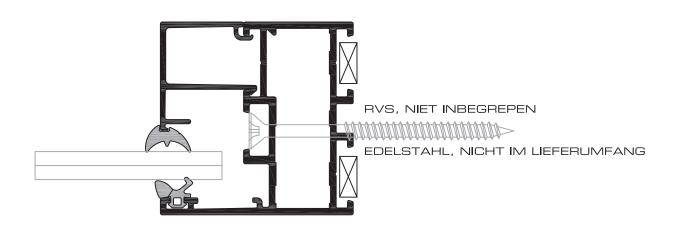
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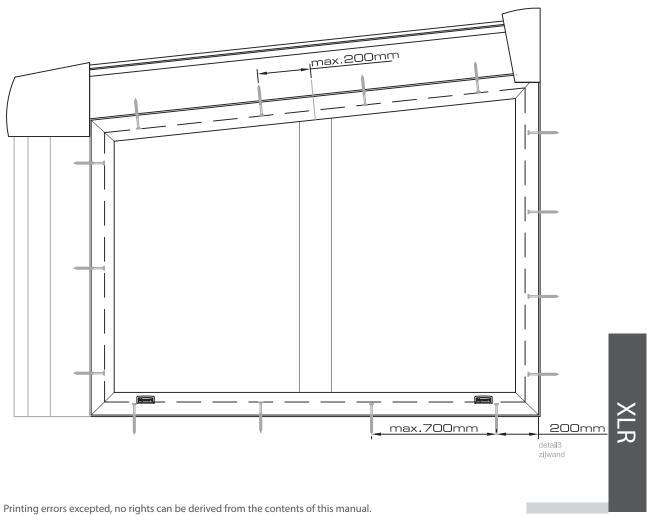




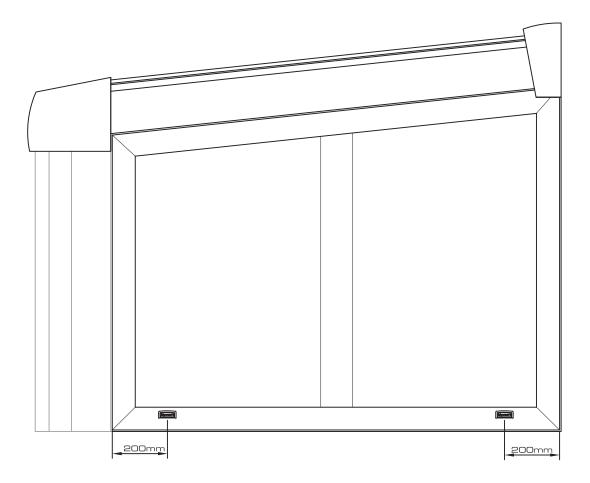












AFWATERINGSGATEN BEDEKKEN MET KUNSTSTOF KAPJE
ABFLUßLOCH DECKEN MIT KUNSTSTOFF KAPPE

detail4 zljwand

