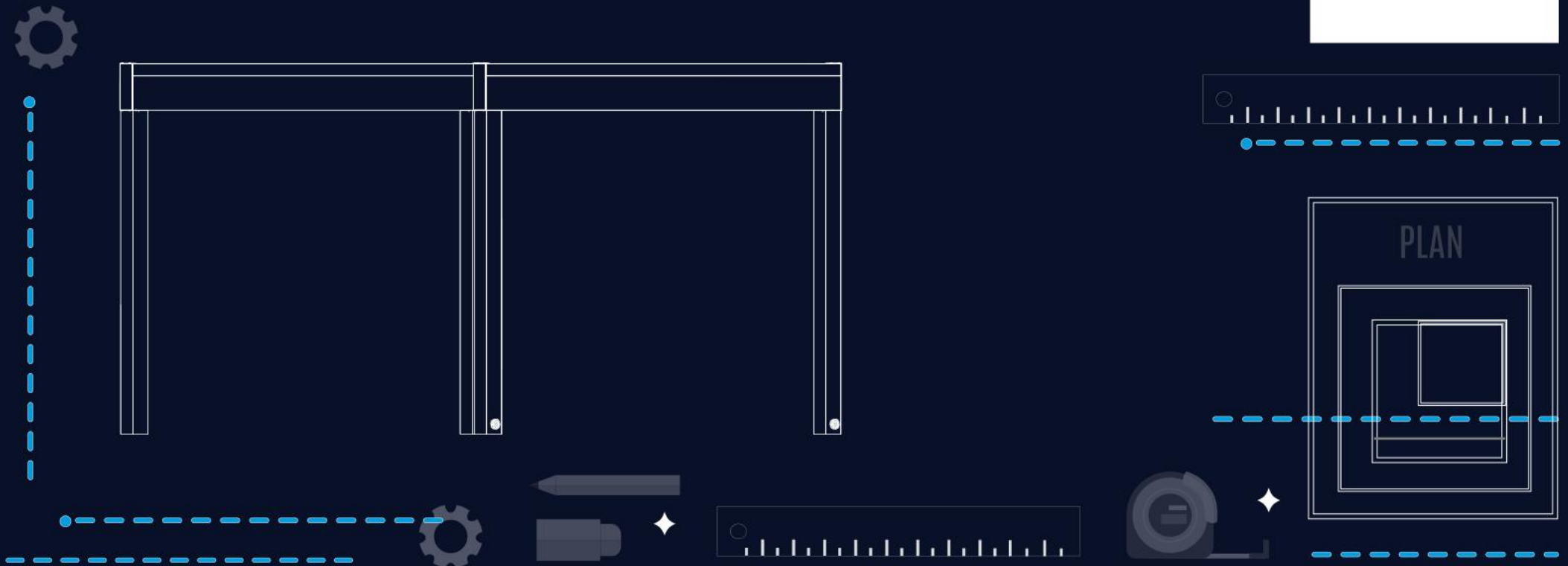


SUNROOM

Vision Art
Aluminium

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visionartaluminium.com

Bioclimatic System Assembly Instructions



Introduction

Thank you for purchasing Vision Art Aluminium Sunroom Product.

These instructions include helpful hints and important information needed to safely assemble and properly maintain the Product. Please read these instructions completely before you begin and follow the steps in the order they are presented.

1. Make sure you have all the necessary parts.
2. Lay the parts out in separate staging areas.
3. Select a Location.
4. Prepare a Foundation. (if necessary)



ATTENTION:
DO NOT ATTEMPT
TO ASSEMBLE ALONE!

5. Make sure you have the proper tools:

- Tape Measure



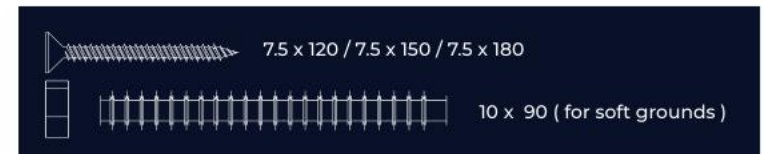
- Work Gloves



- Safety goggles



- Concrete Screw - Buldex
Threaded Rod & Somun



- Drill



- Hex Key



- Spirit Level



- 2 Small Step Ladders



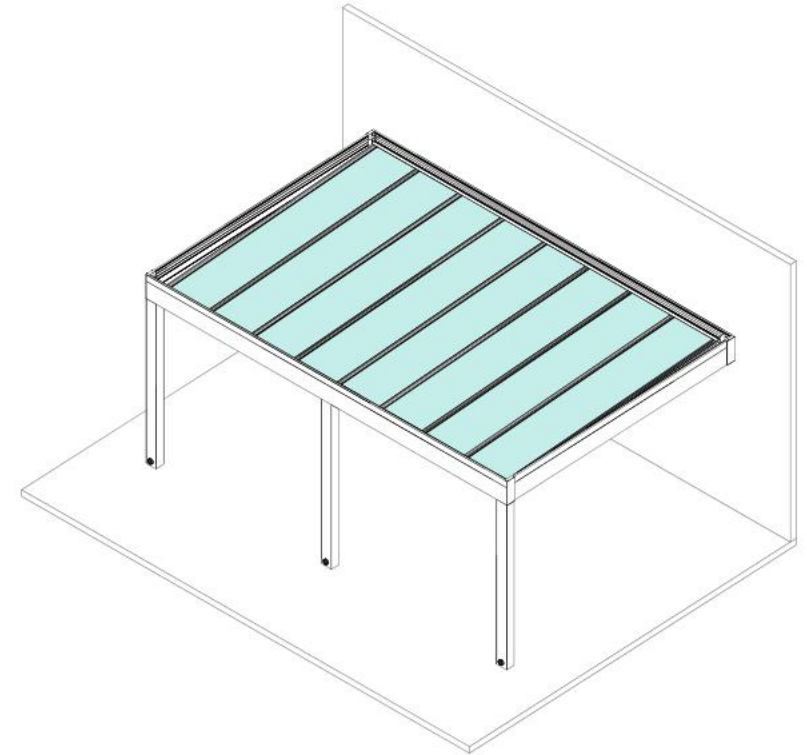
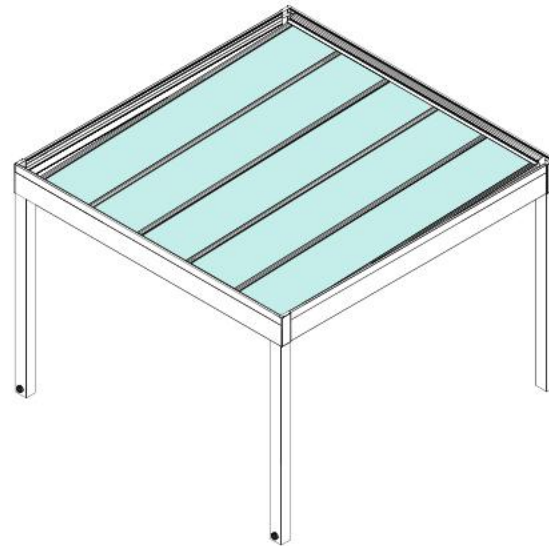
- Wrench



Table of Contents



ATTENTION:
DO NOT ATTEMPT
TO ASSEMBLE ALONE!



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Parts

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Step 2

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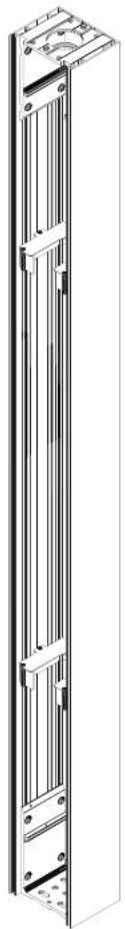
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26

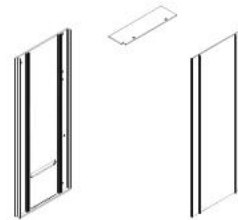
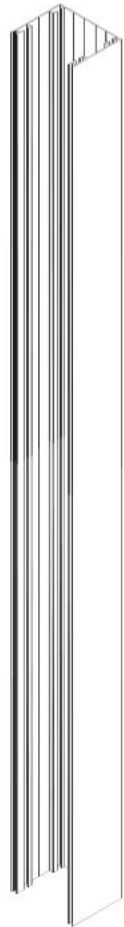
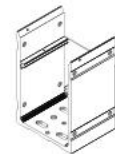
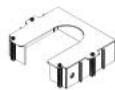
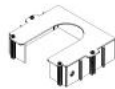
List of Parts

Quantity of parts
depend on the project dimension. !

CB 11
Pillar
Profile



Pillar Parts



CB 12 Pillar
Side Caps



CB 13
Pillar
Front
Cap



CB 15
Filter



CB 16
Pillar
Pipe

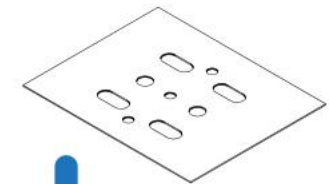


CB 14
Water
Drain
Pipe

Caps & Water Exiting Parts



CB 17
Pillar
Pipe
Connector

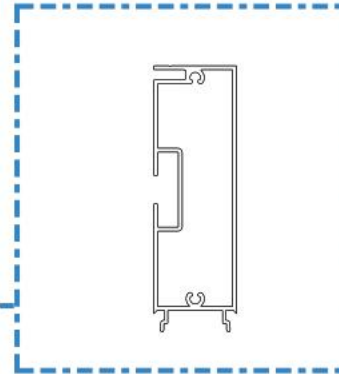


**Measuring
Plate**

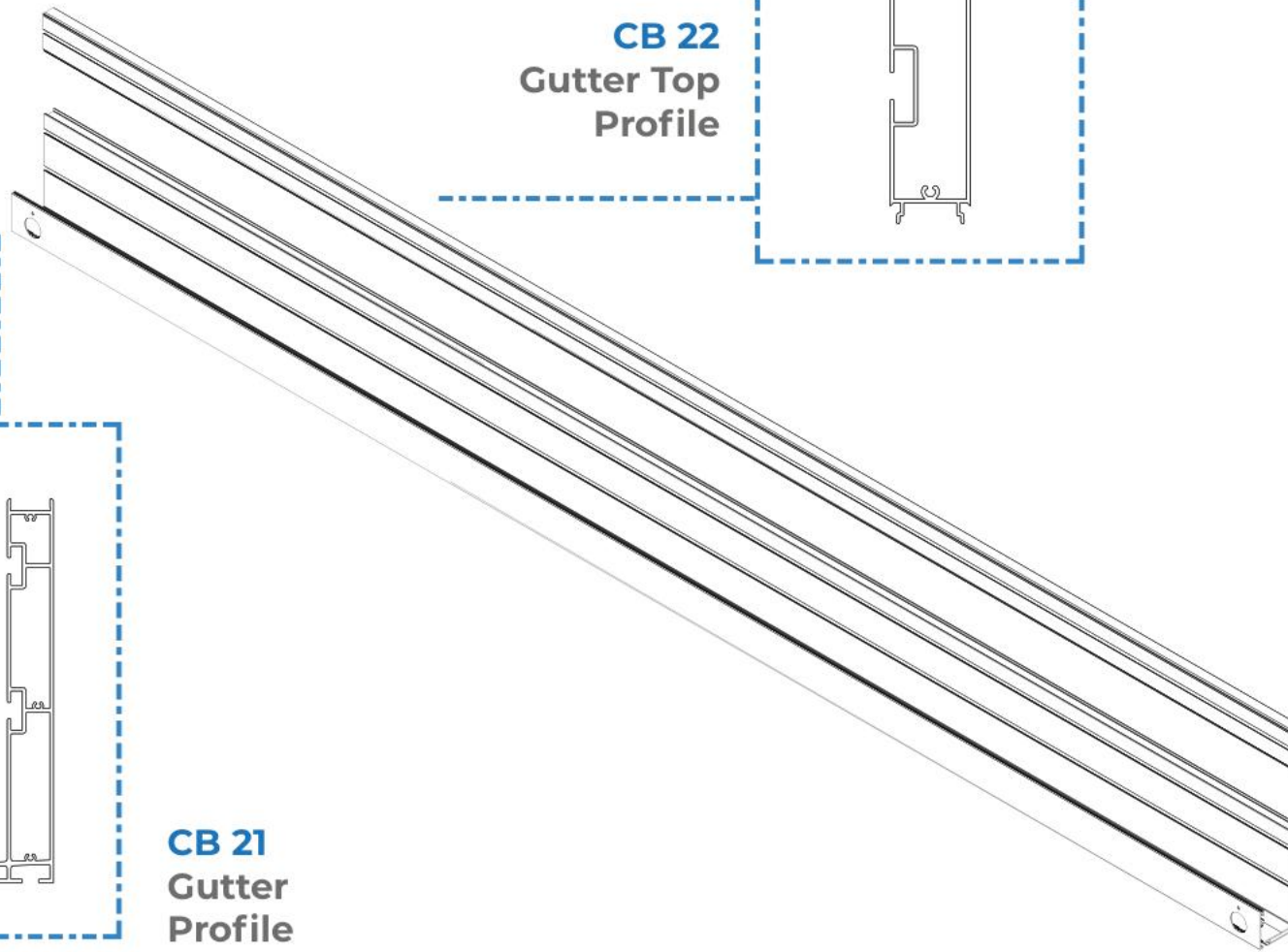
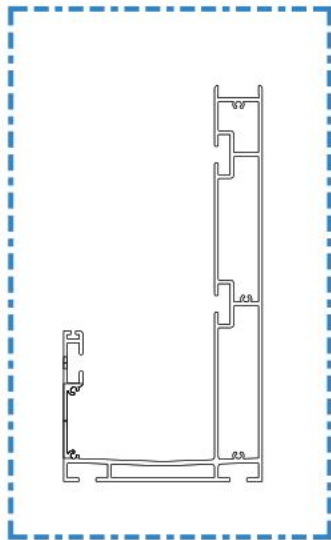
List of Parts

Front & Rear Gutter Parts

CB 22
Gutter Top
Profile



CB 21
Gutter
Profile



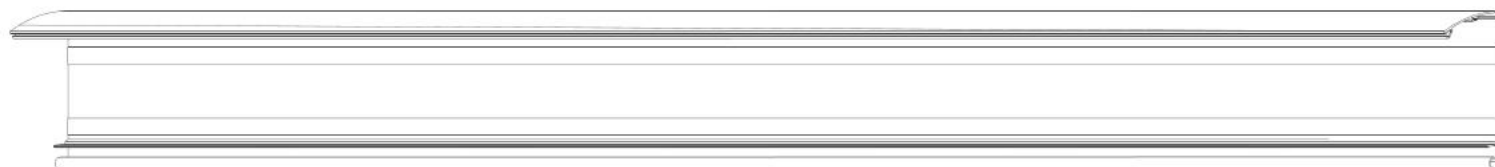
Gutter Parts



CB 31
Gutter-Rail
Connector



CB 32
Gutter Holding
Profile

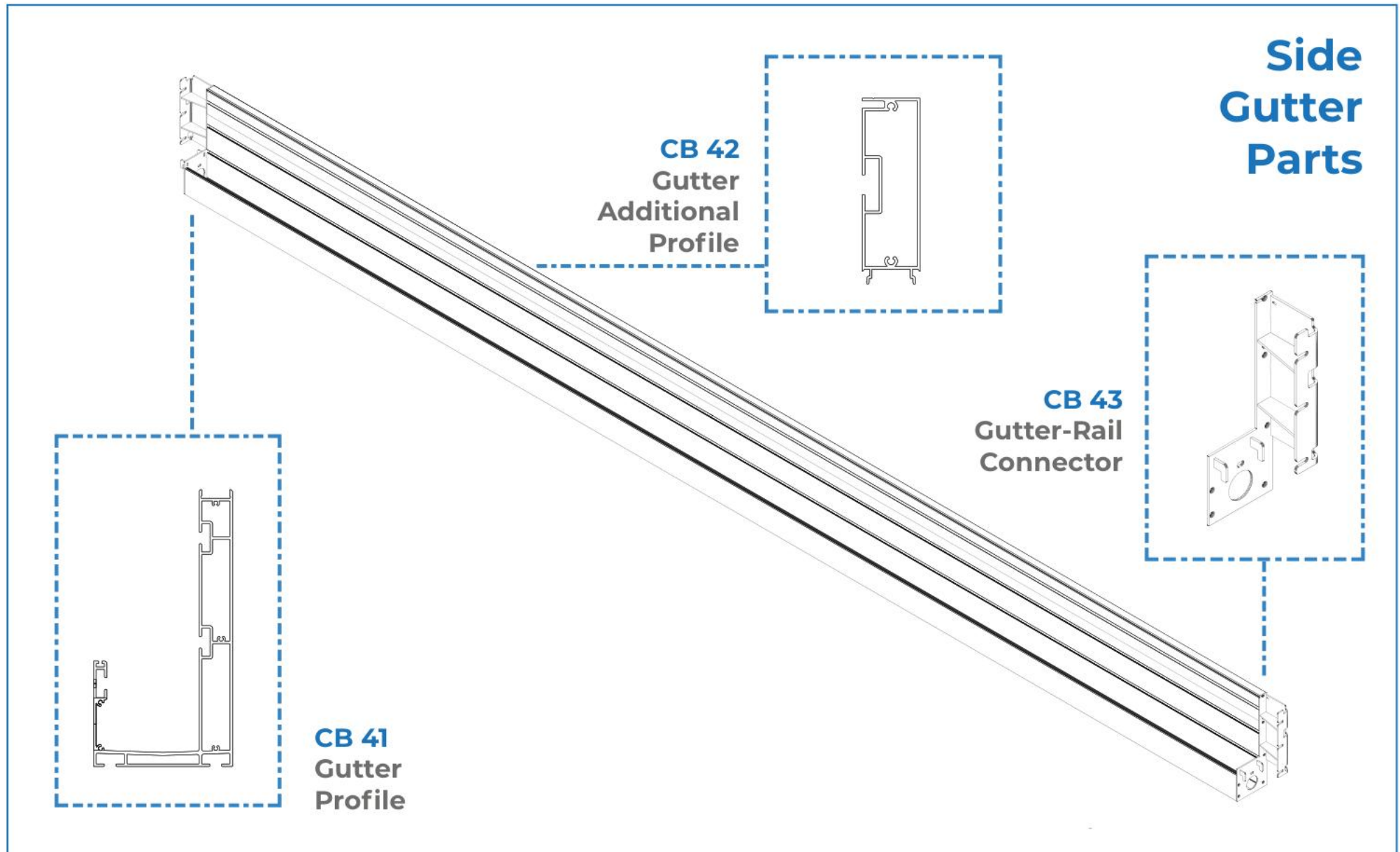


CB 33
Wall Mount
Profile



CB 34
Side Connection
Profile

List of Parts



List of Parts

Roof Main Parts

CB 51
Rail Profile

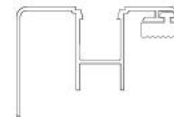
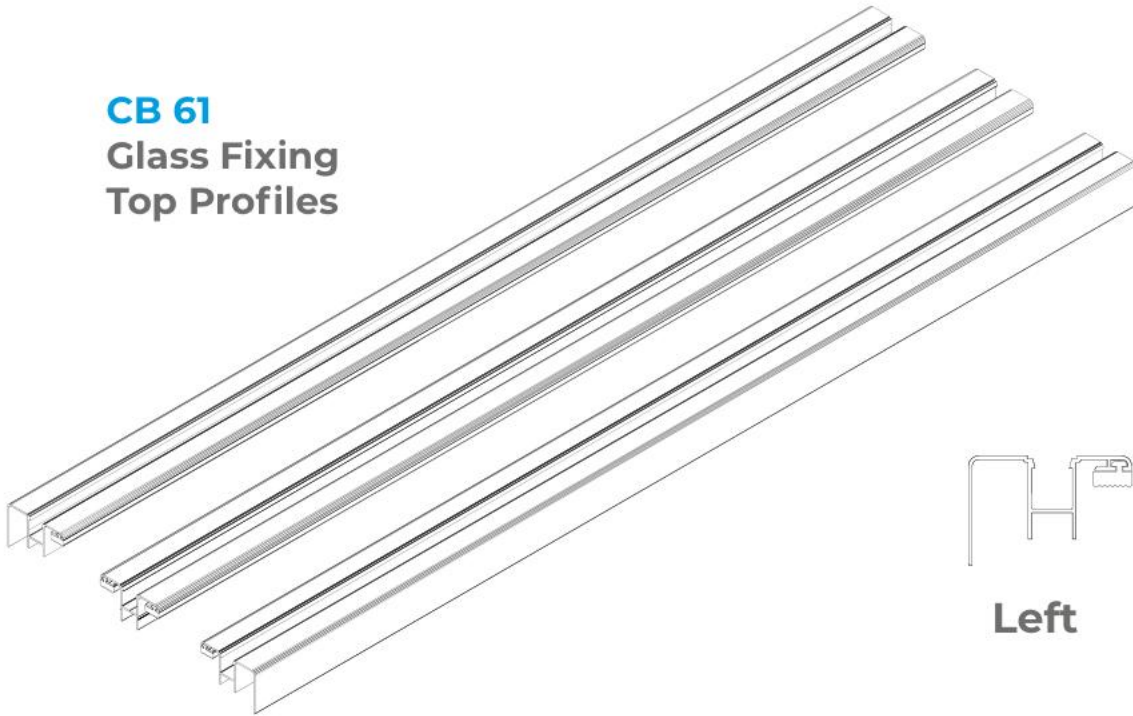


CB 52
Glass

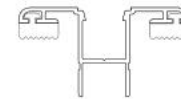


Caps and Wall Mount Parts

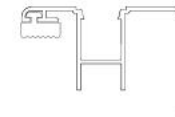
CB 61
Glass Fixing
Top Profiles



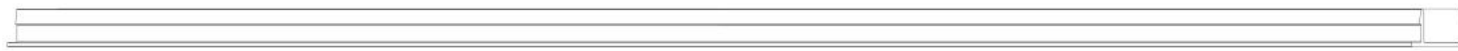
Left



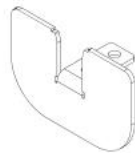
Middle



Right



CB 62
Gutter Holding
Profile Cap

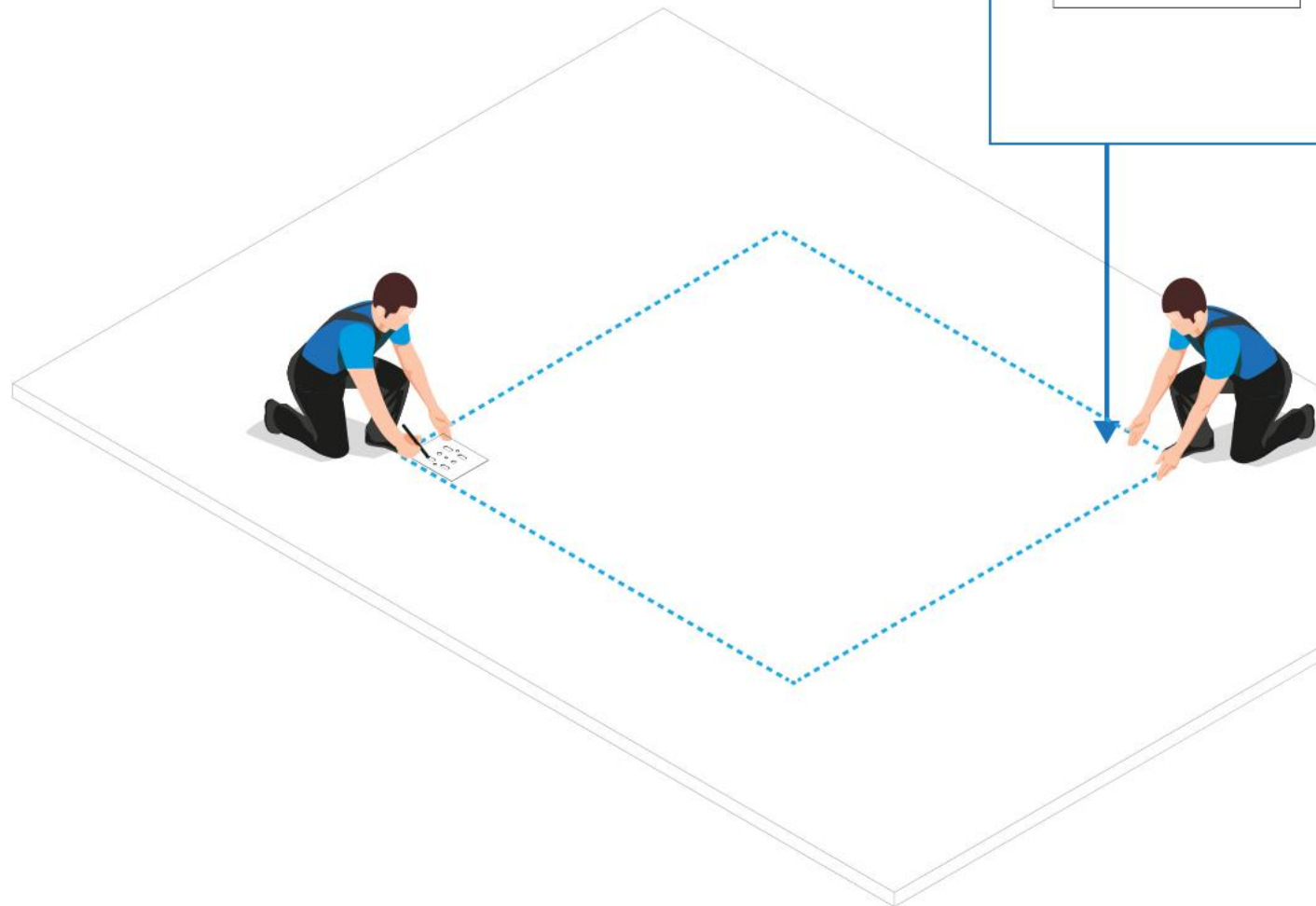
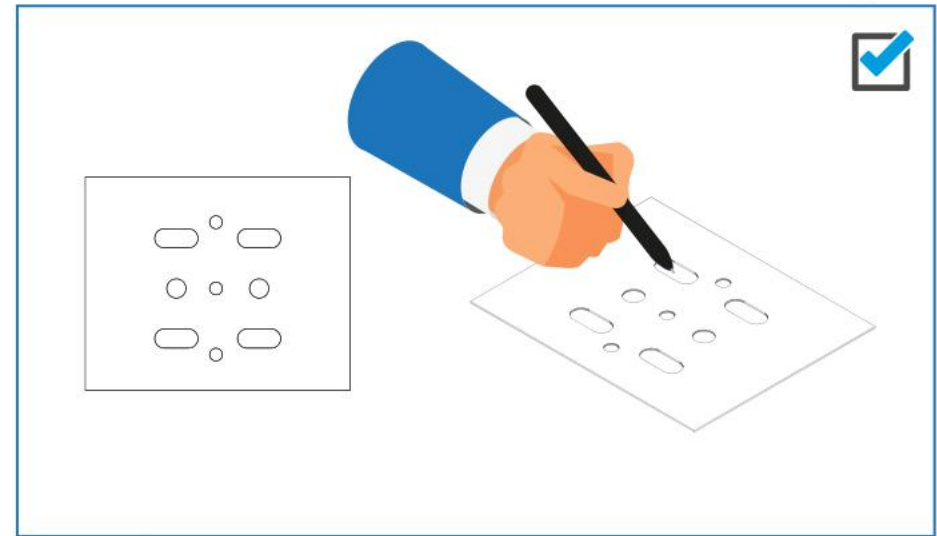


CB 63
Glass Top
Profile
Front Cap

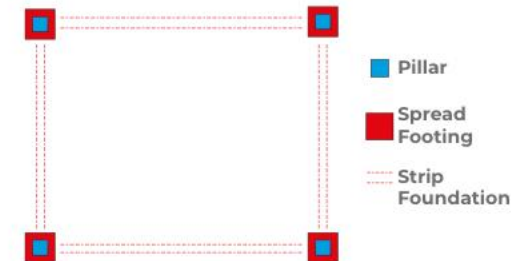


CB 64
Wall Mount
Side Cap

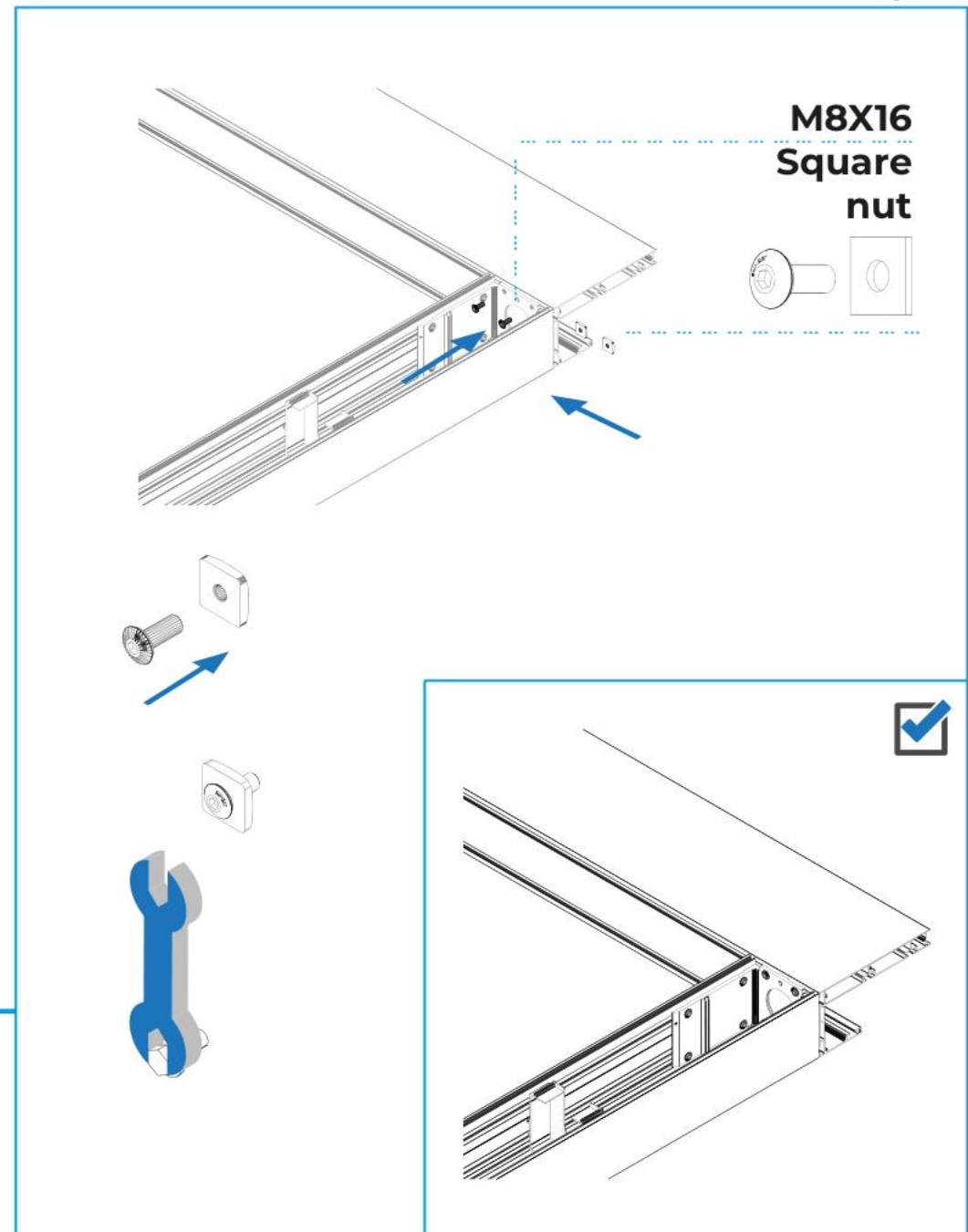
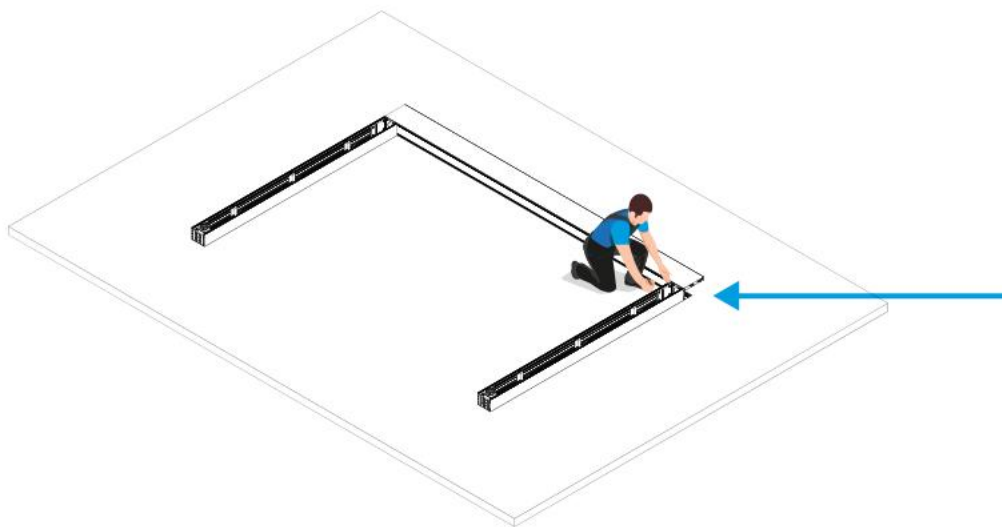
At this stage, mark the location for foot mounting in the area to be installed, taking into account the size of your project with the small-scale plates that will be sent to you.

**WARNING:**

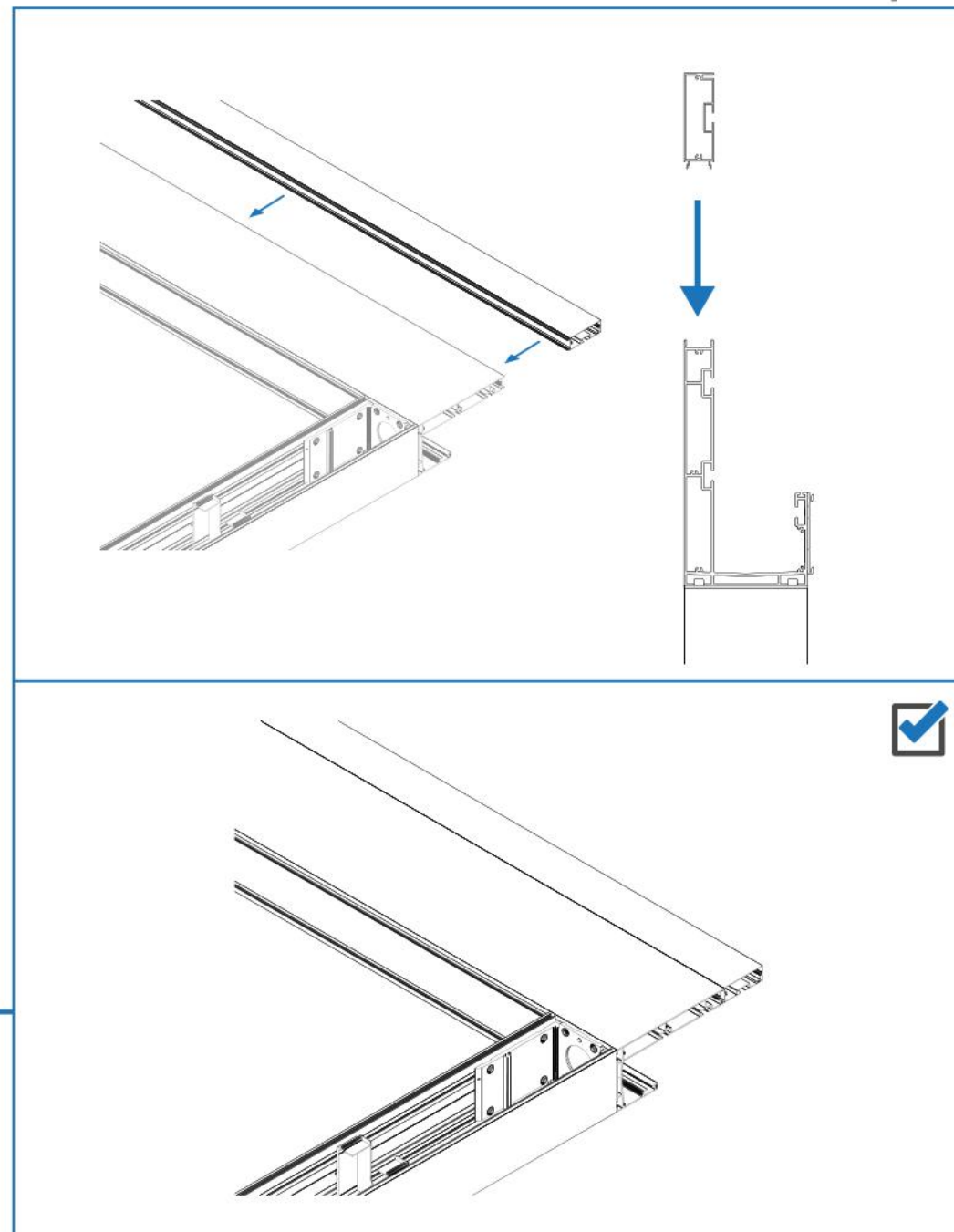
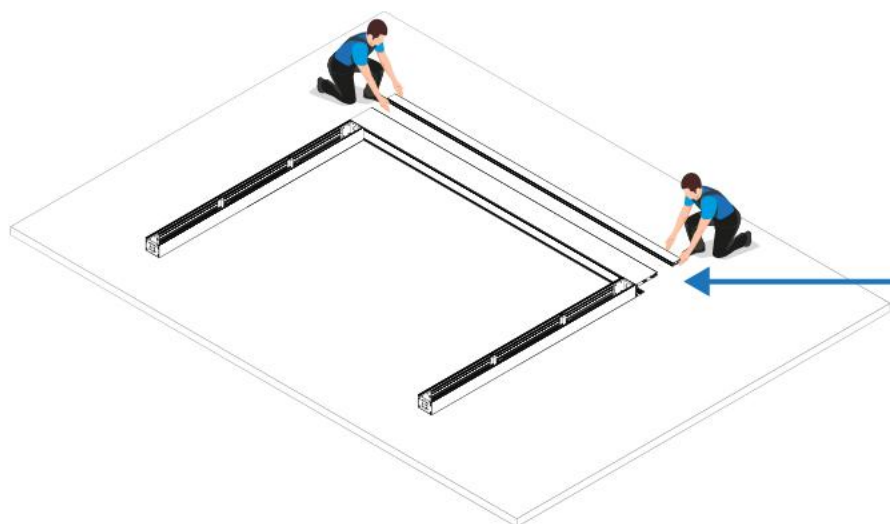
If the ground on which the installation will be made is sand or another type of soft ground, please prepare a single or strip foundation for your product in advance.



In the second step of the installation process, we will combine the pillars **CB11** and the gutter profile **CB21**. For this we will use the connection tools shown on the right. First in the installation area Align two posts and one stream horizontally on the ground. Then carry out the assembly process as shown on the right.



In this step, we assemble the additional profile numbered **CB22** to the **CB21** Gutter profile that we have previously assembled. We bring the **CB22** profile closer to the gutter profile, which was previously aligned and assembled on the ground, and combine it using the clamping method, as shown on the right.



Step 1.4

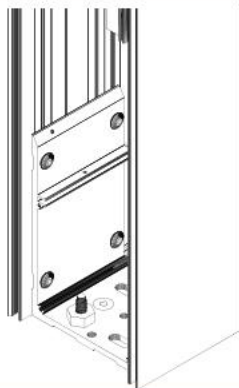
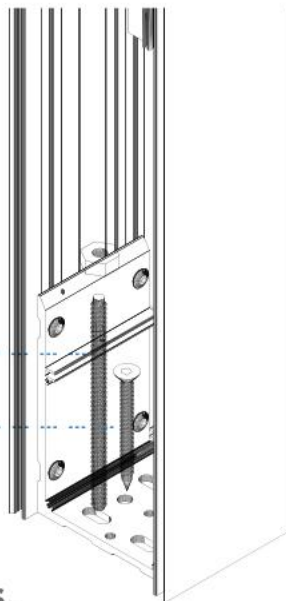
Option 1

Threaded
Rod &
Somun

Option 2

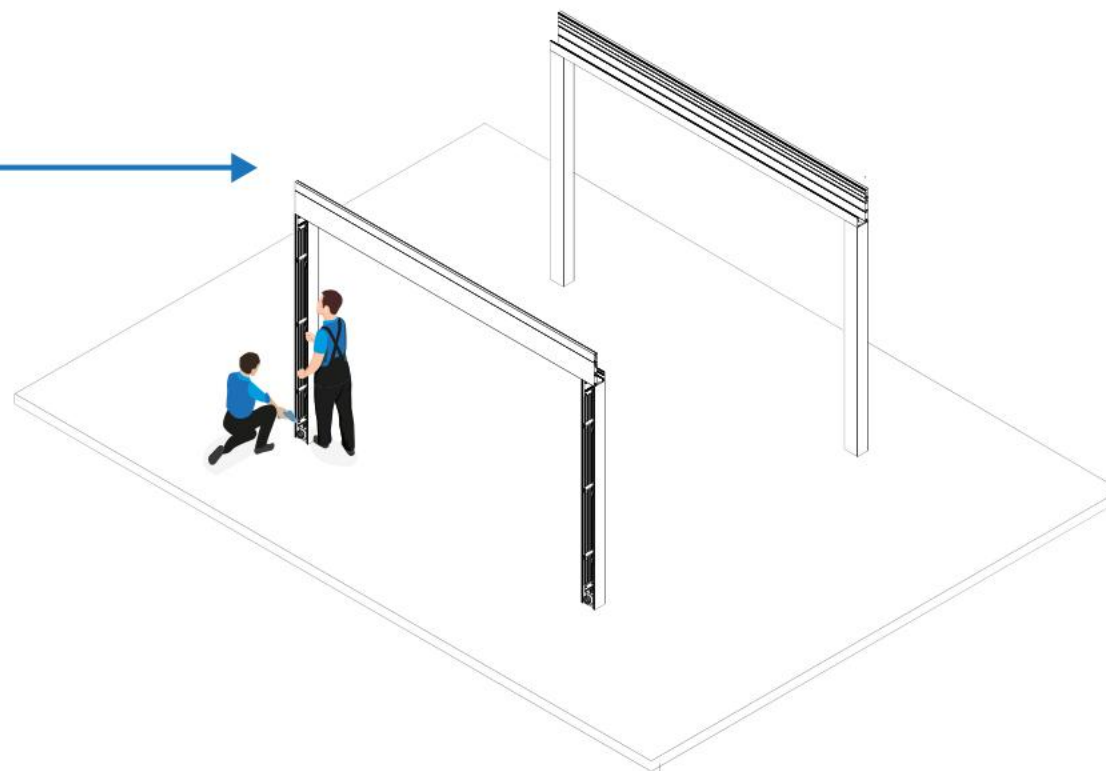
Concrete
Screw
Buldex
7.5x10 or 12
Torx

 At this step
add only
Only 1 piece
reference screws.

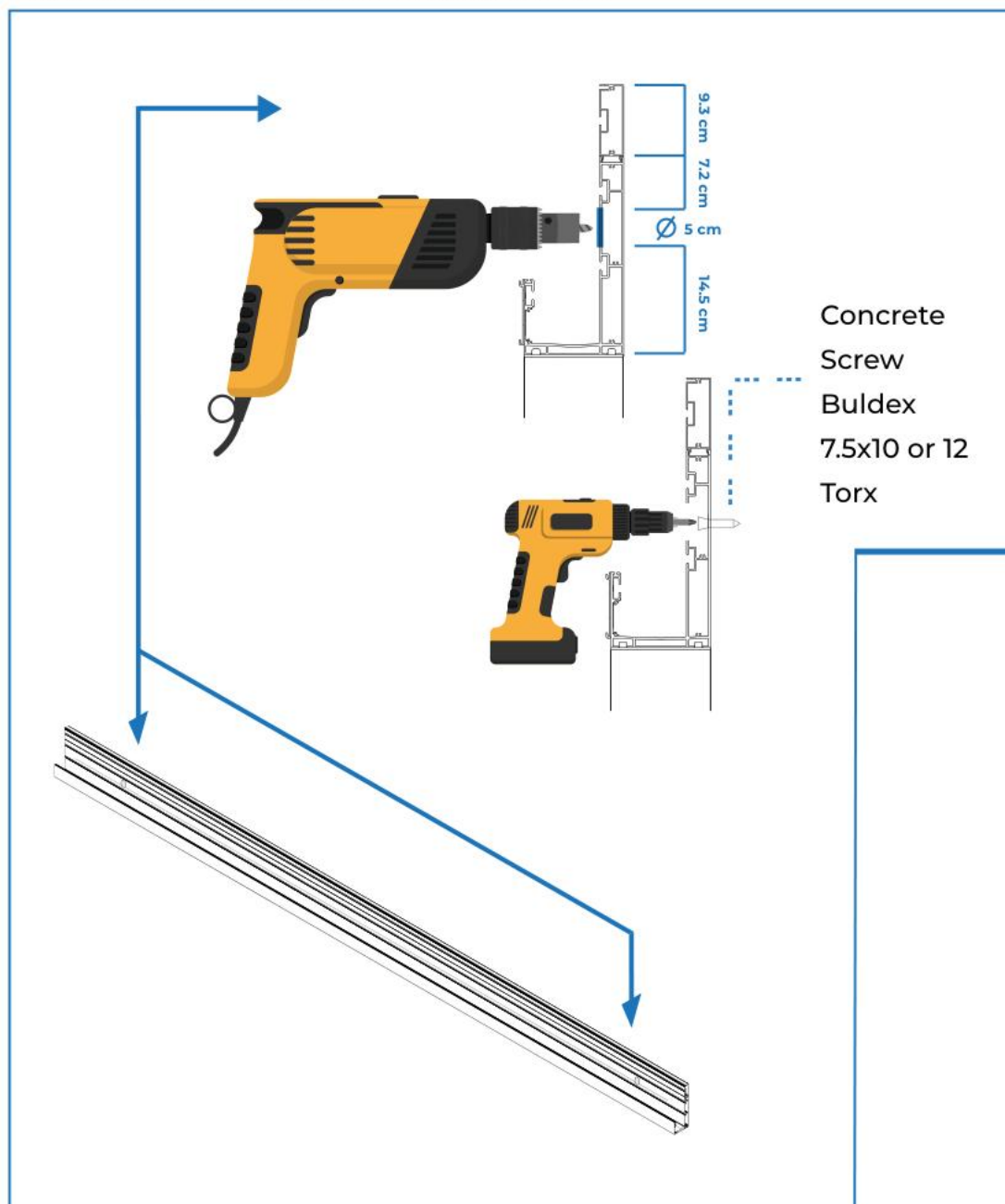


In this step, we will connect the pillars to the ground. Align the pillars of the system, on which we have completed the front and rear Gutter-Pillar mounting, to the places we marked with the plate in the first step, so that they stand. Only mount the system to the ground with fasteners through 1 or 2 holes to keep the system standing **(we will complete the ground connection after checking the diagonal dimensions in the next steps).**

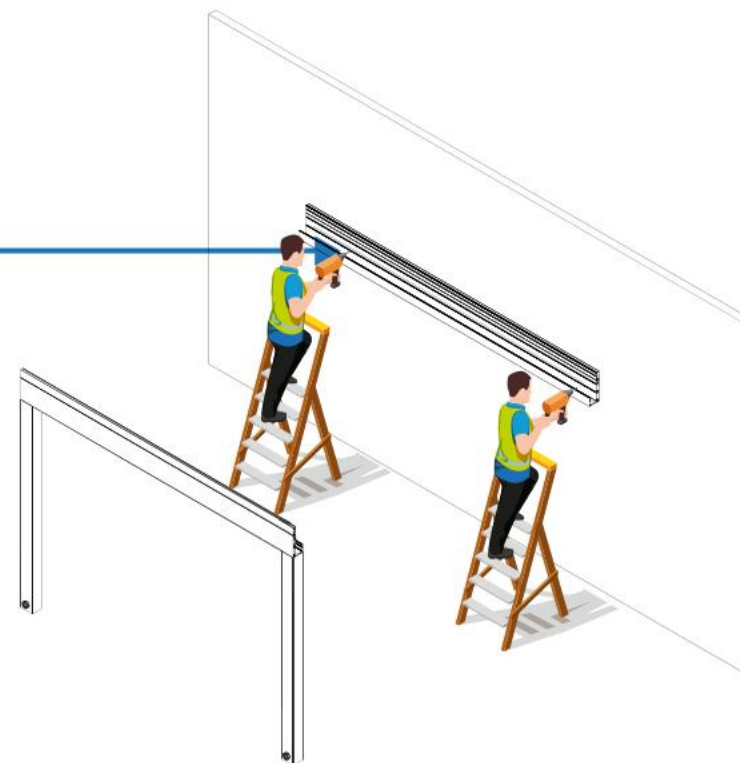
The concrete screw specified on the left is sufficient for hard floors such as concrete. However, for sand or other types of soft ground, be sure to use Tij Dijon. If necessary, carry out the foundation work as stated in the first step.



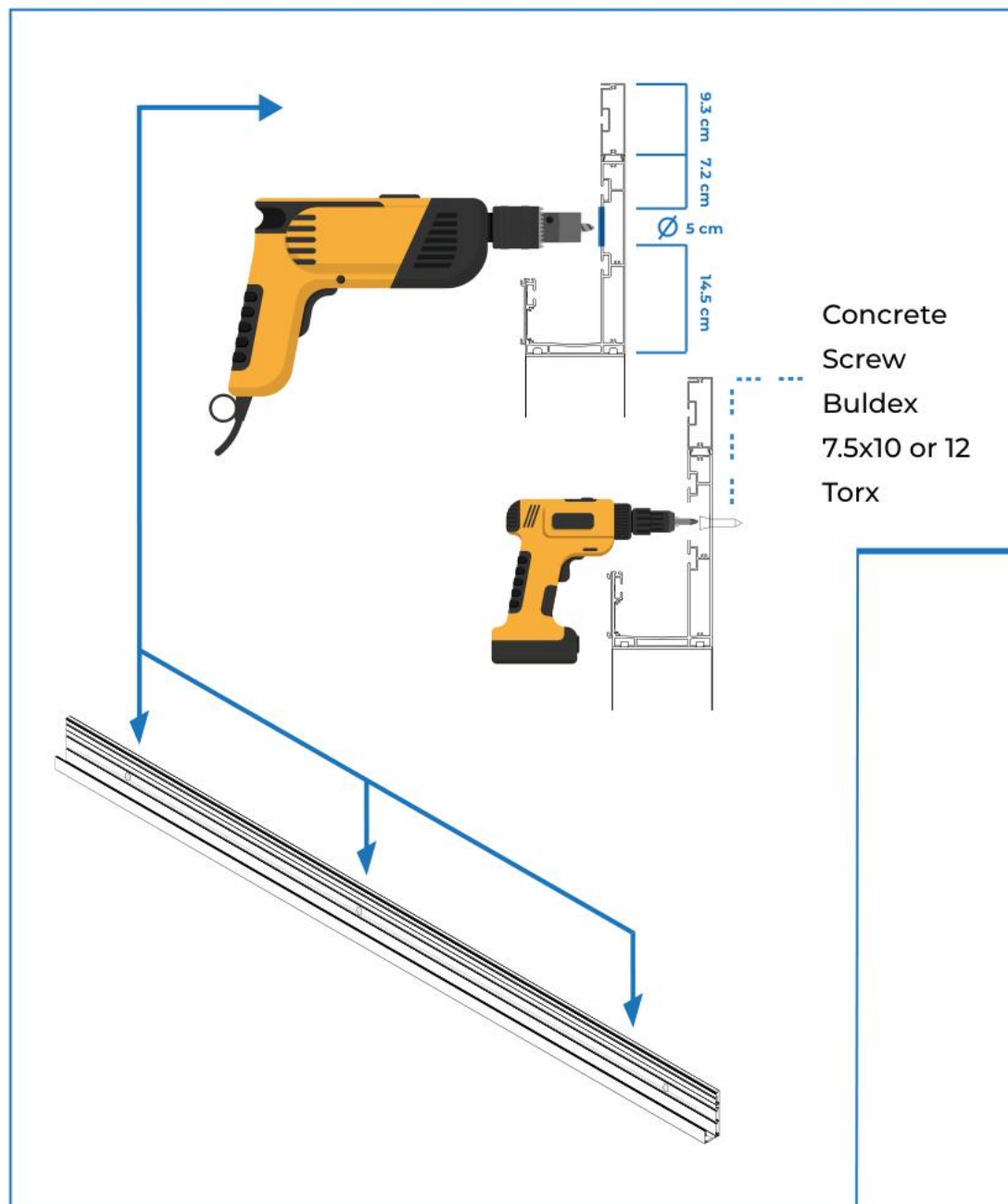
EXTRA STEP FOR INFORMATION !



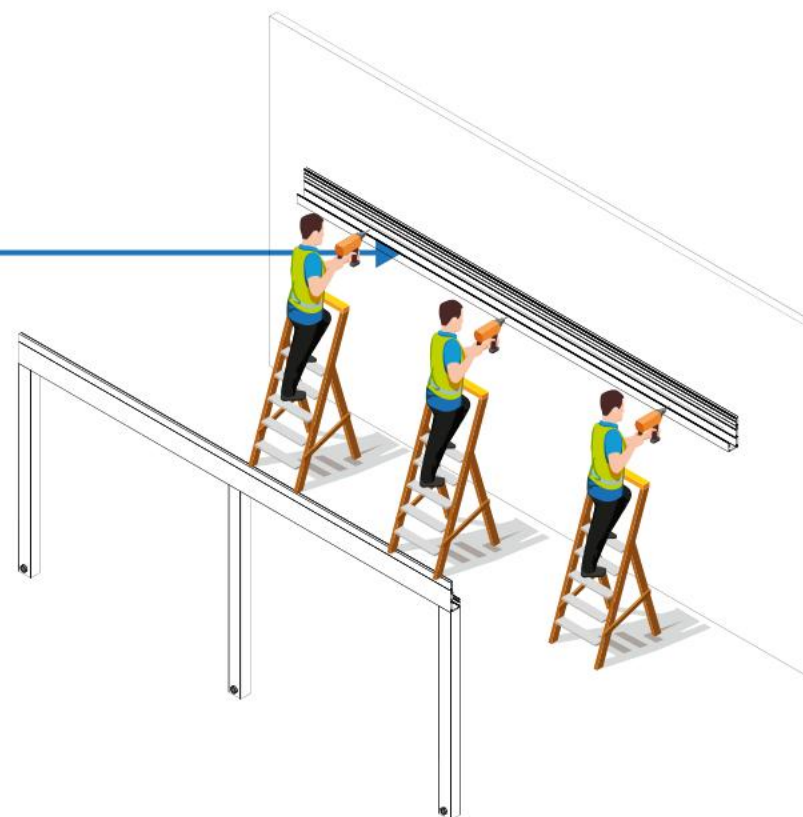
If your product choice is wall mount Skynet this step is for you. After installing front pillars you need to install Back Gutter to the wall before moving on to other stages. Use Concrete Screw - Buldex from 3 or 4 point to install to the wall as shown in the picture.



EXTRA STEP FOR INFORMATION !

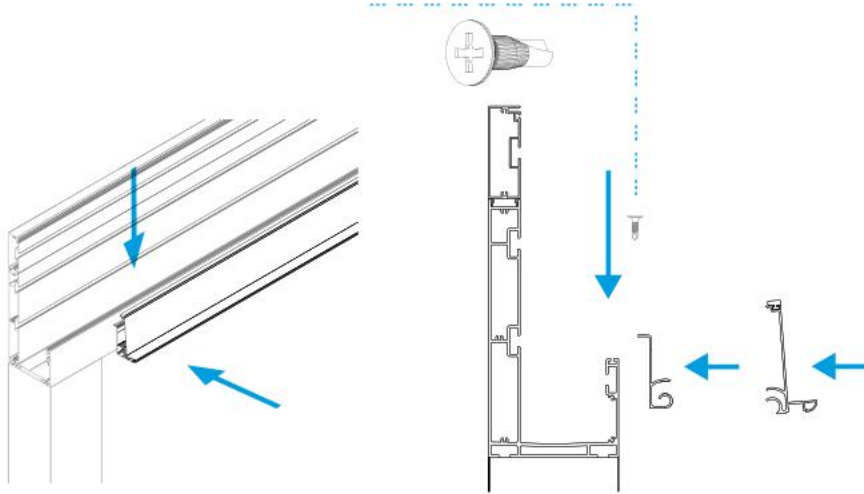


If your product choice is wall mount Skynet this step is for you. After installing front pillars you need to install Back Gutter to the wall before moving on to other stages. Use Concrete Screw - Buldex from 3 or 4 point to install to the wall as shown in the picture.

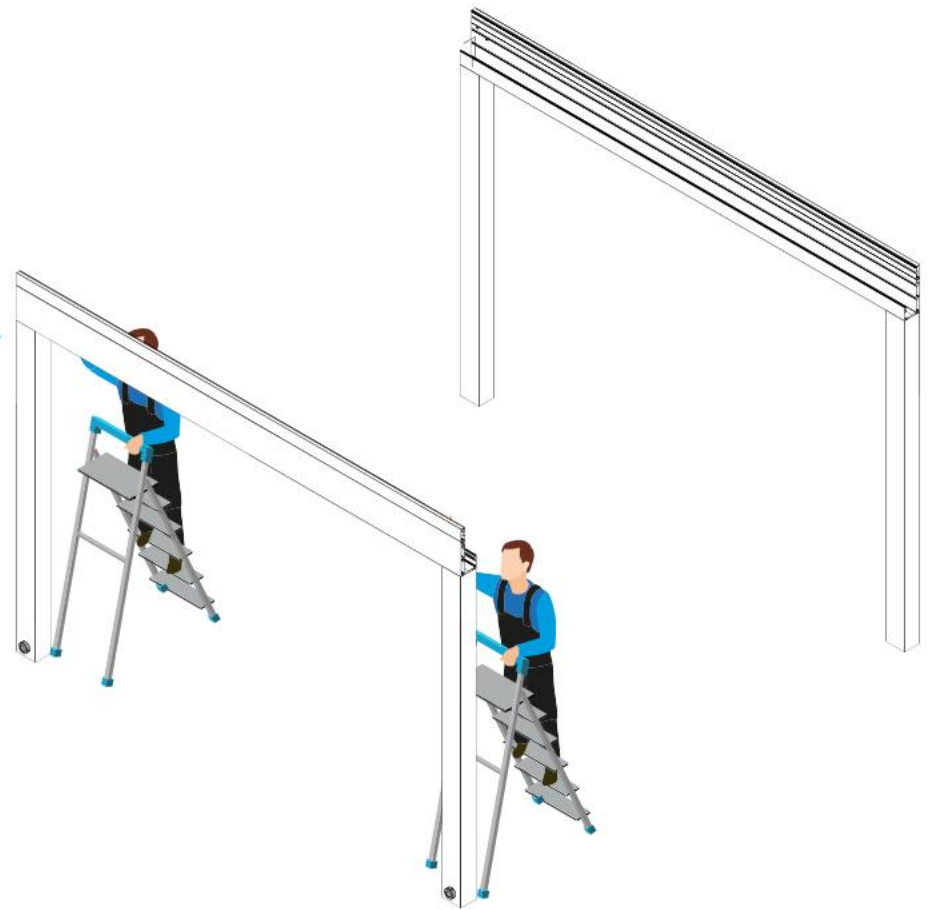
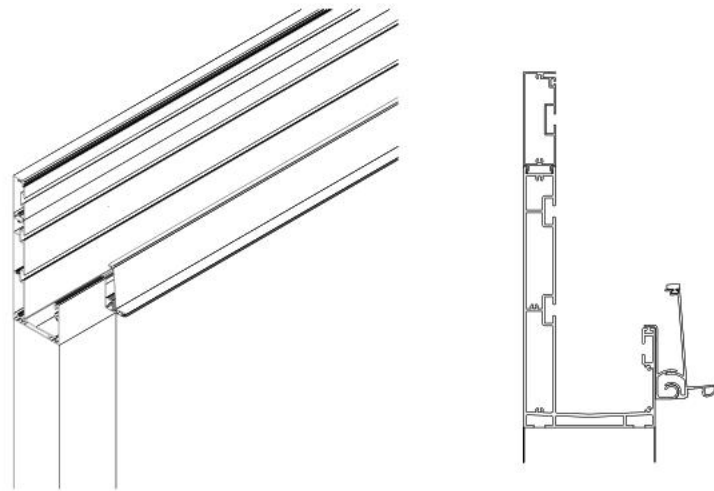


Step 2.1

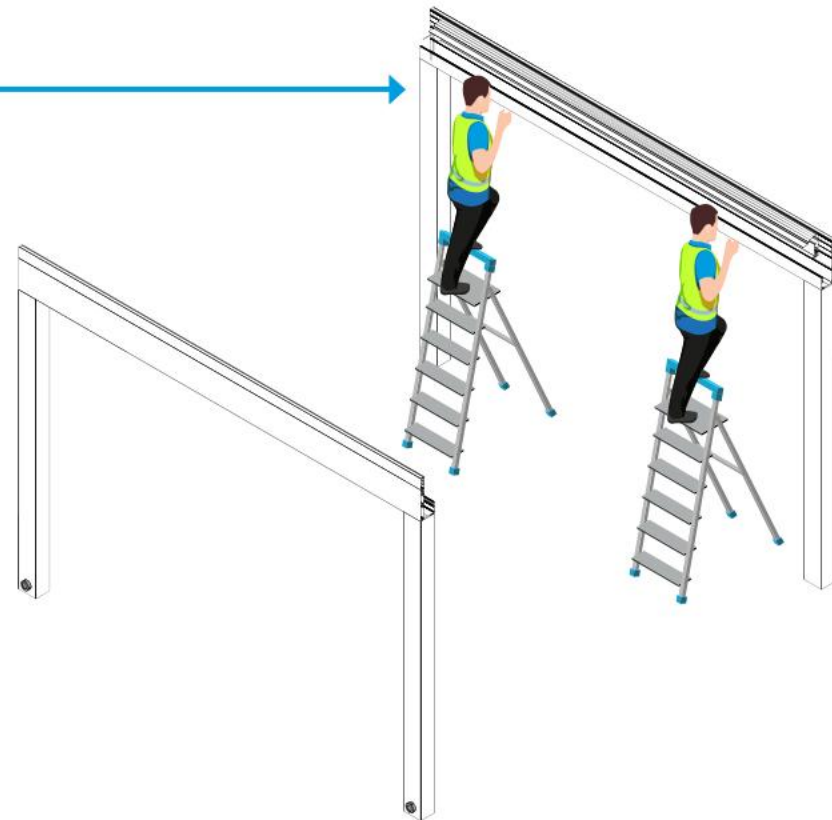
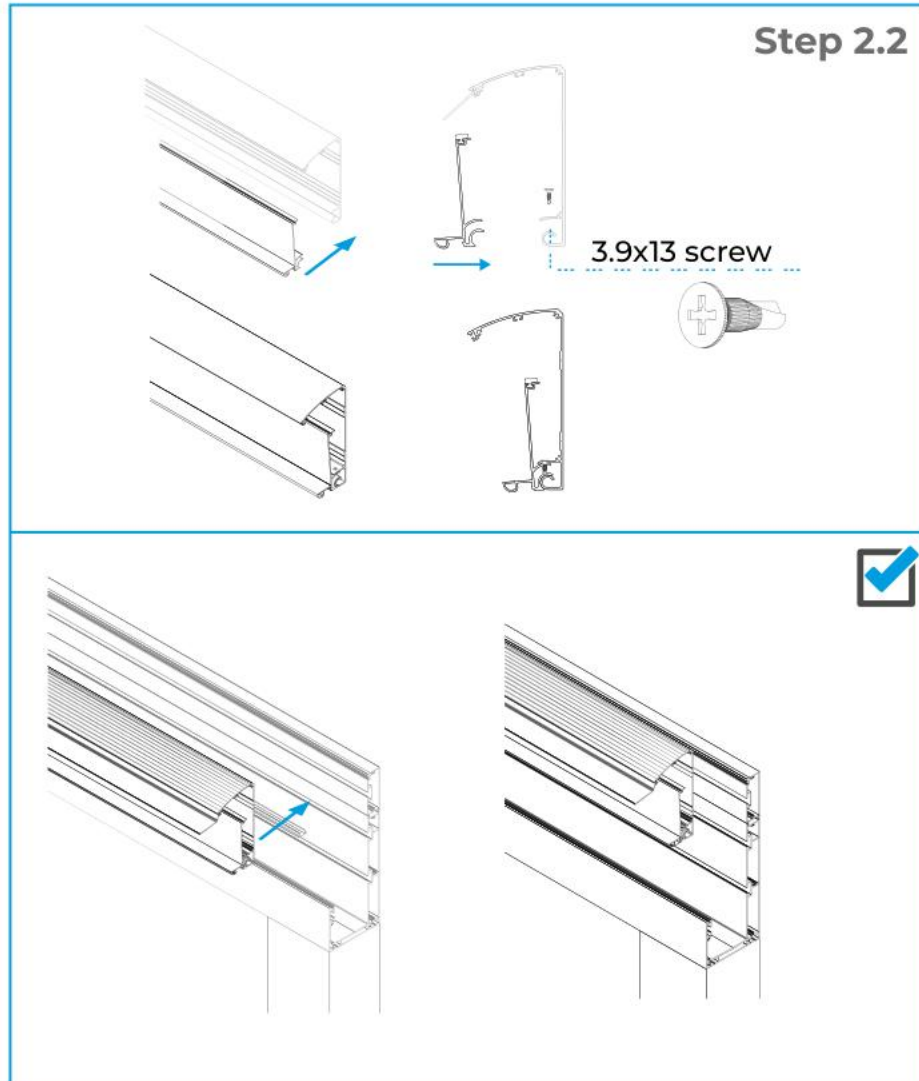
3.9x13 screw



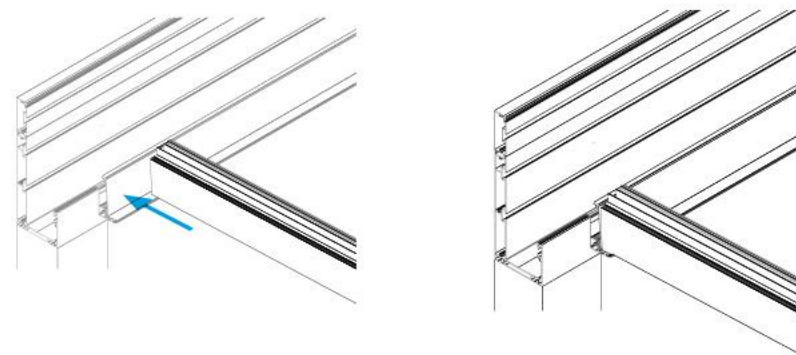
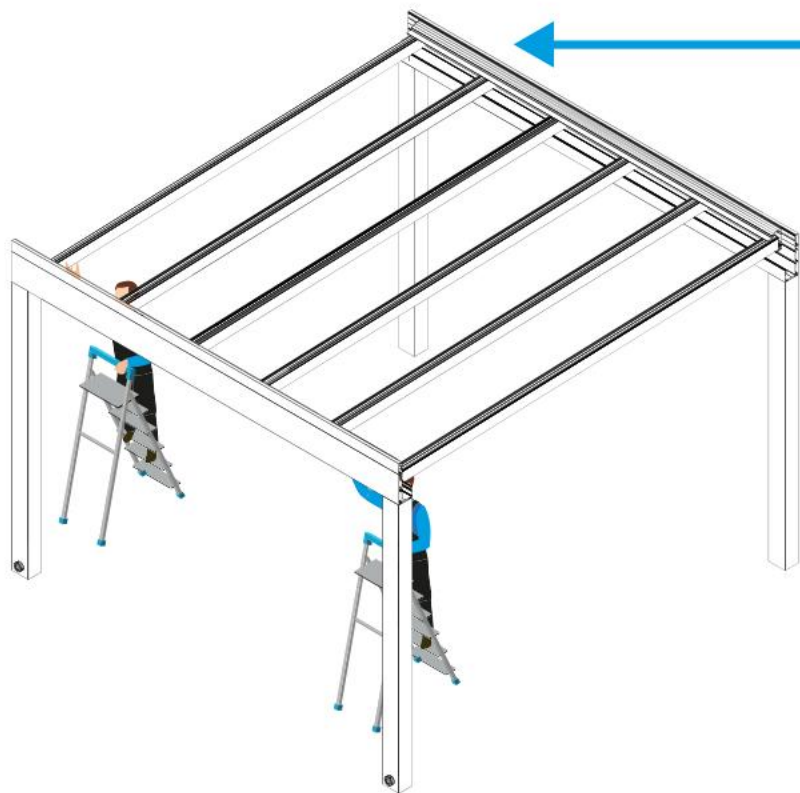
Install **CB31 & CB32** profile on the **CB 21** profile as shown picture. Rotate **CB32** profile how planned on your project drawing. But the standard rotation is 4 degrees. After installation add a screw to strengthen the connection.



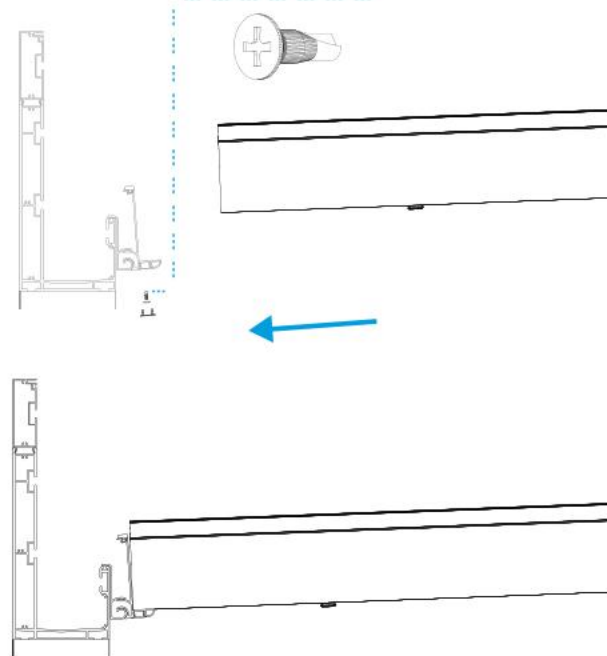
Install **CB 32** profile on the **CB 33** profile to the backside after CB 33 already installed to the back gutter **CB 21** as shown picture. Rotate **CB 32** profile how planned on your project drawing. But the standard rotation is 4 degrees.
After installation add a screw to strengthen the connection.



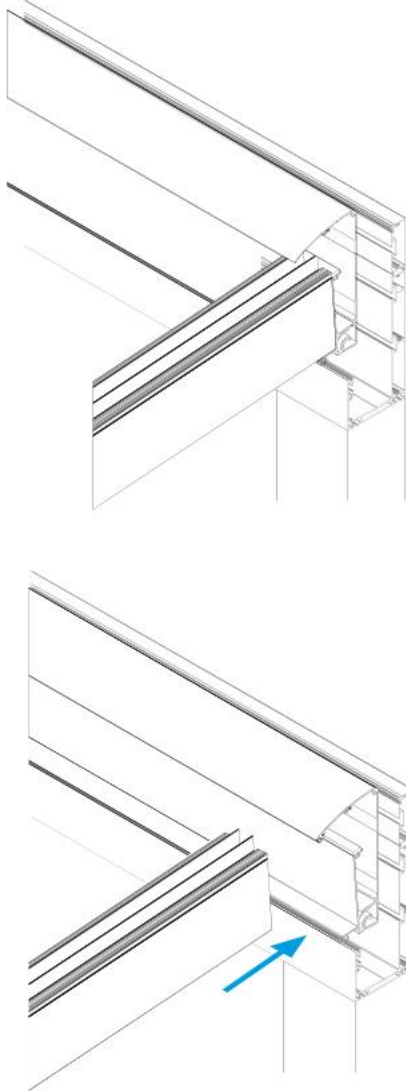
Install **CB 51** glass holder profile frontside on the **CB 32** profile installed before. Align the rail profiles with an approximate spacing. Use glass dimensions to aligning the profiles. After installation add a screw to strengthen the connection. At least add **CB 62** cap profile from the bottom side of **CB 32** profile.



3.9x13 screw



Step 3.2

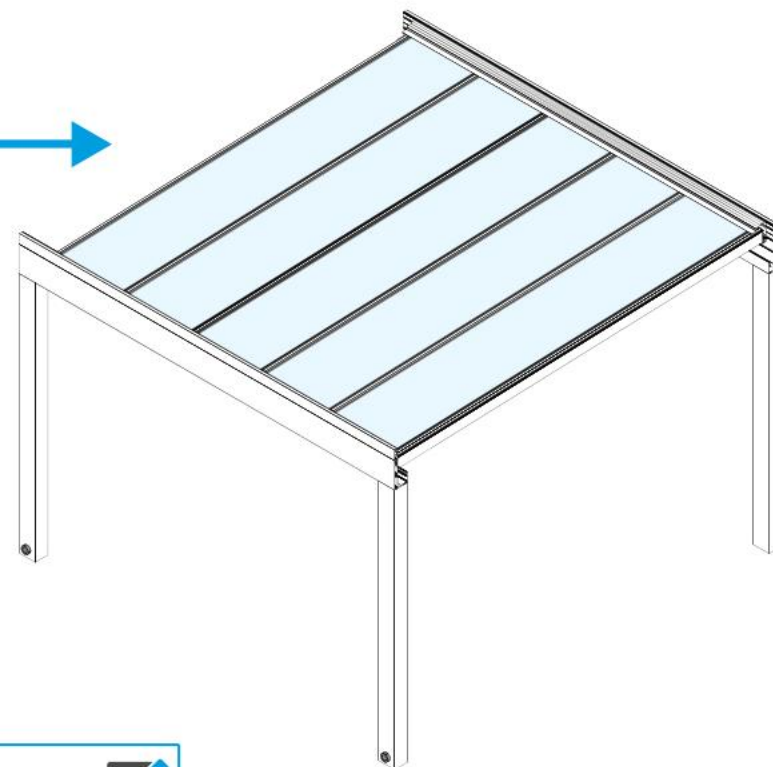
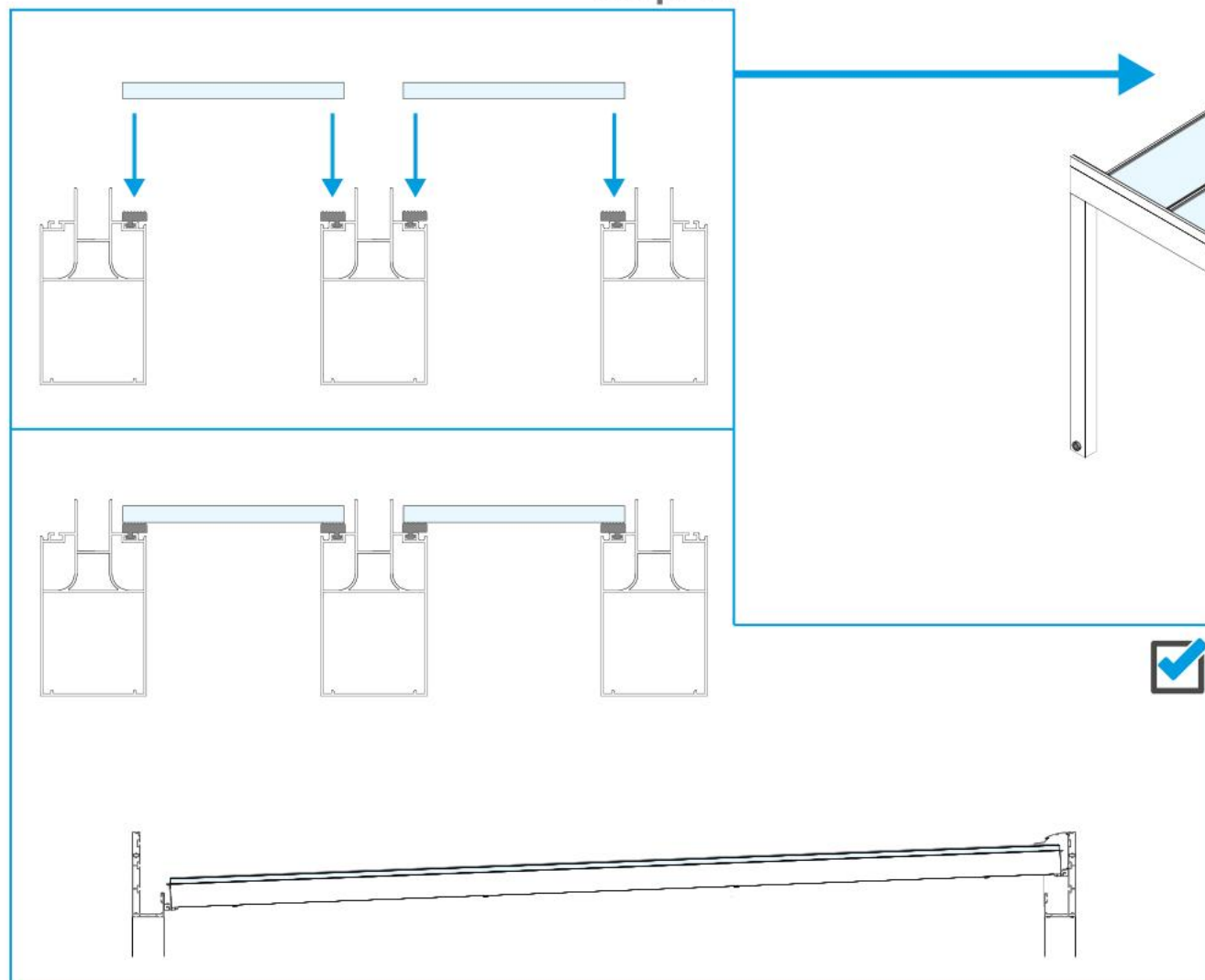


Install **CB 51** glass holder profile backside on the **CB 32** profile installed before. Align the rail profiles with an approximate spacing. Use glass dimensions to aligning the profiles. After installation add a screw to strengthen the connection. At least add **CB 62** cap profile from the bottom side of **CB 32** profile.



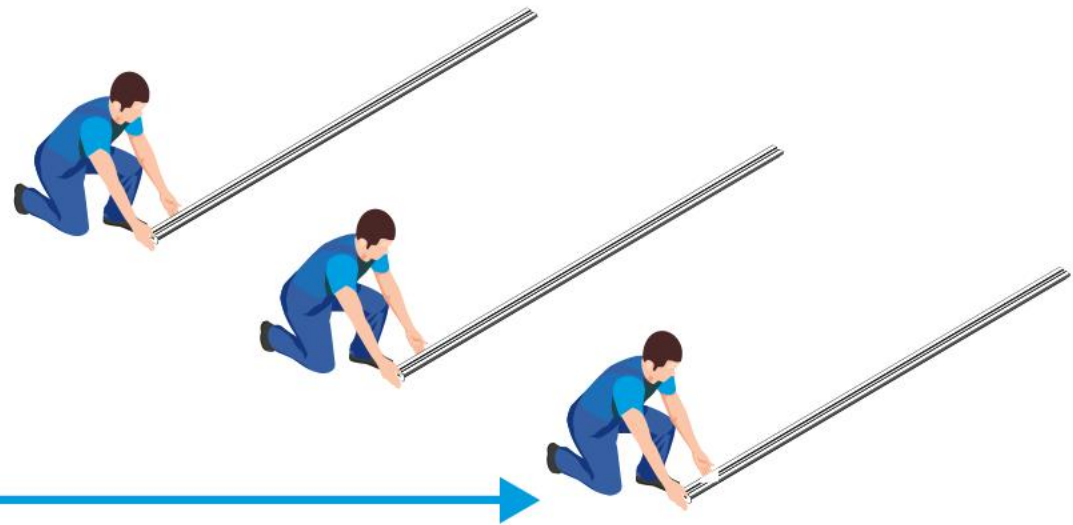
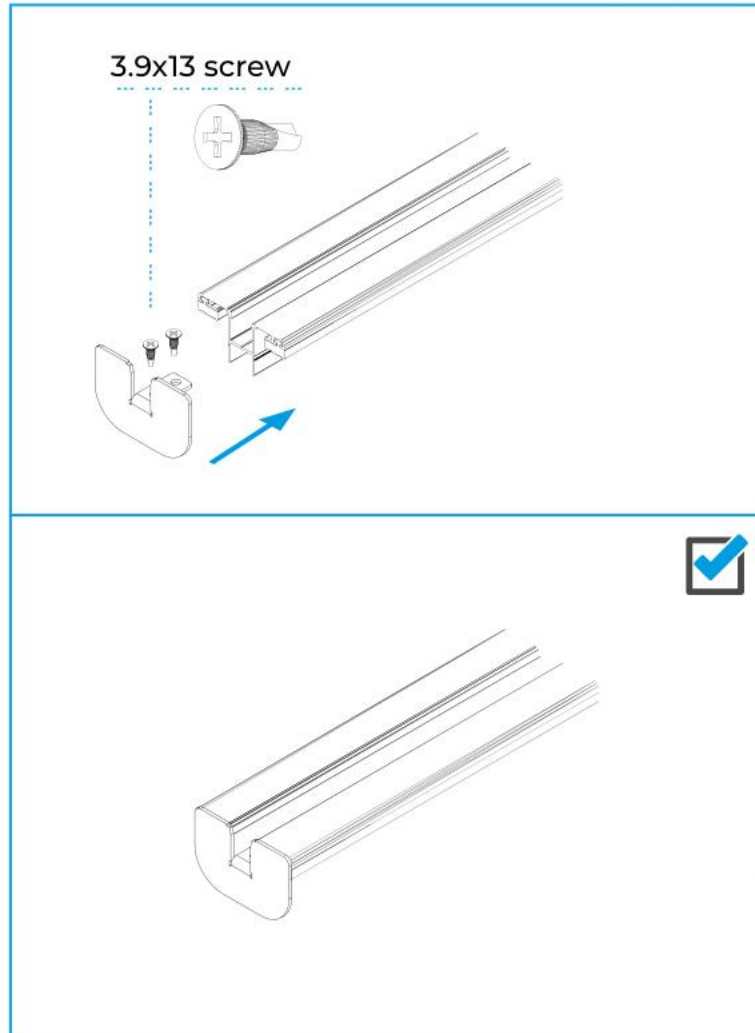
In this step, place the glass **CB 52** on the rail profiles **CB 51** that you aligned in the previous step as shown below.

Step 4.1



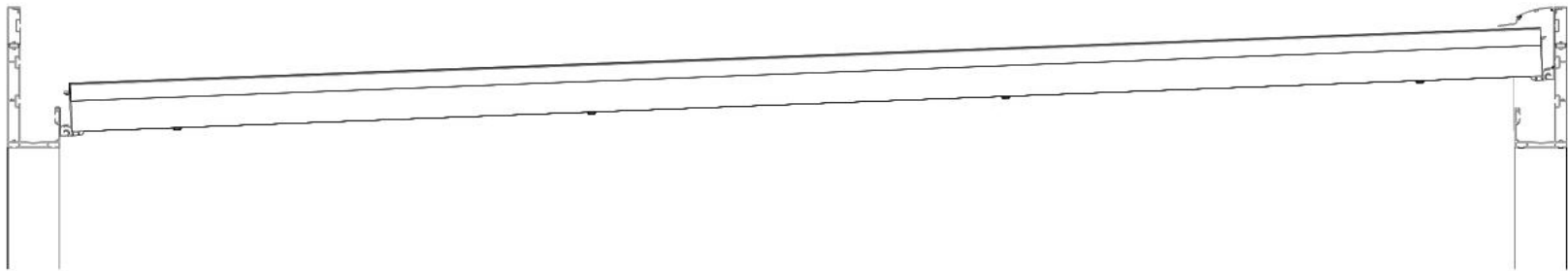
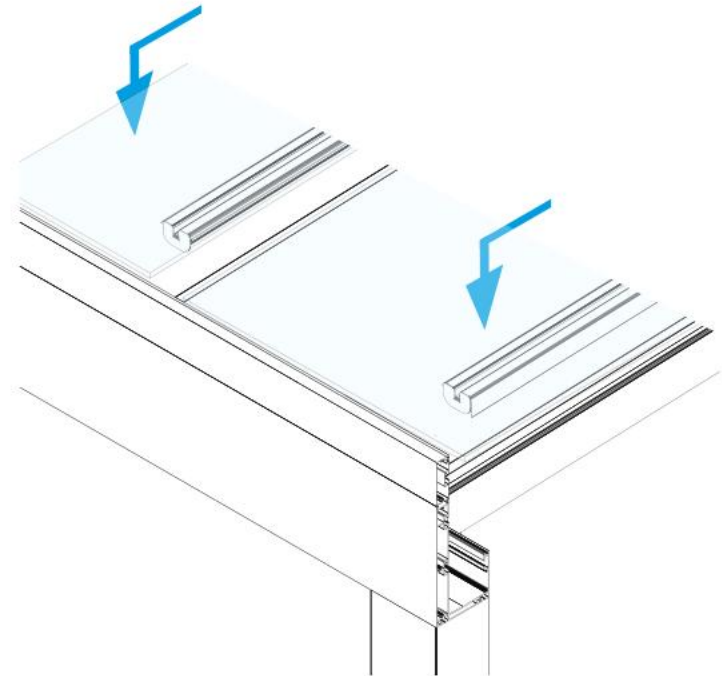
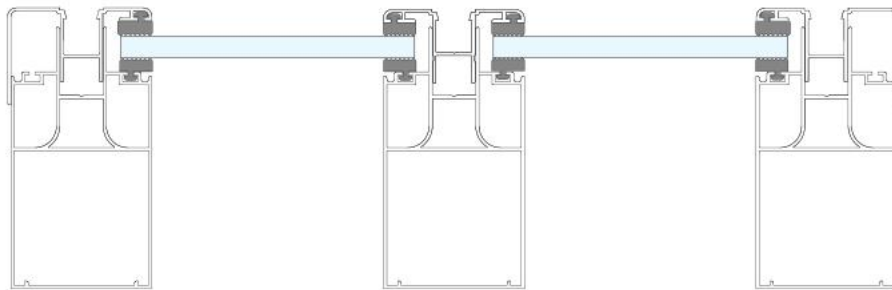
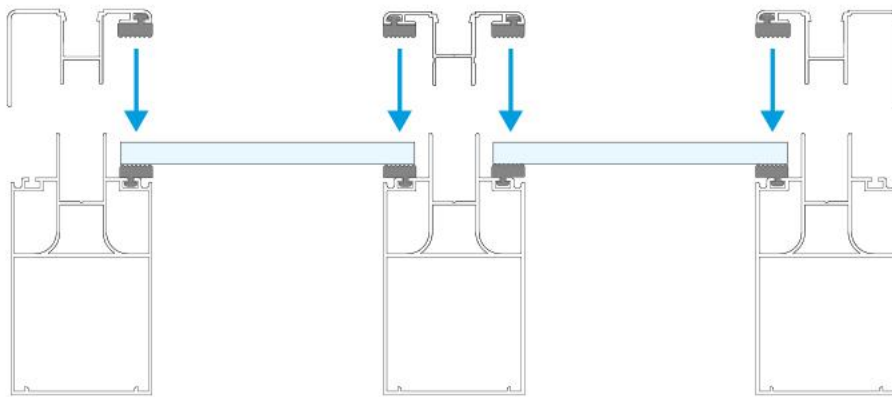
Take **CB 63** cap apparatus, install on the front of each **CB 61** profile with the screw.

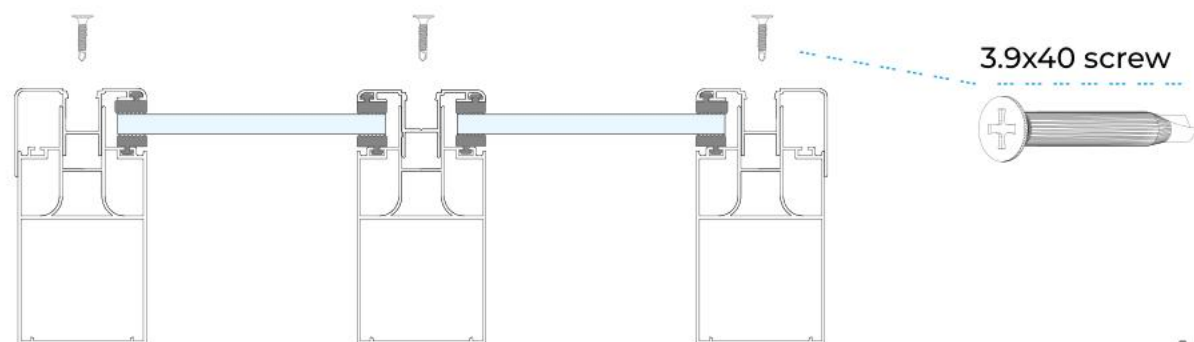
Step 4.2



Take all the ready profiles assembled at the previous step. (CB 61 + CB 63)
Install these profiles on the glass profiles as shown

Step 5.1

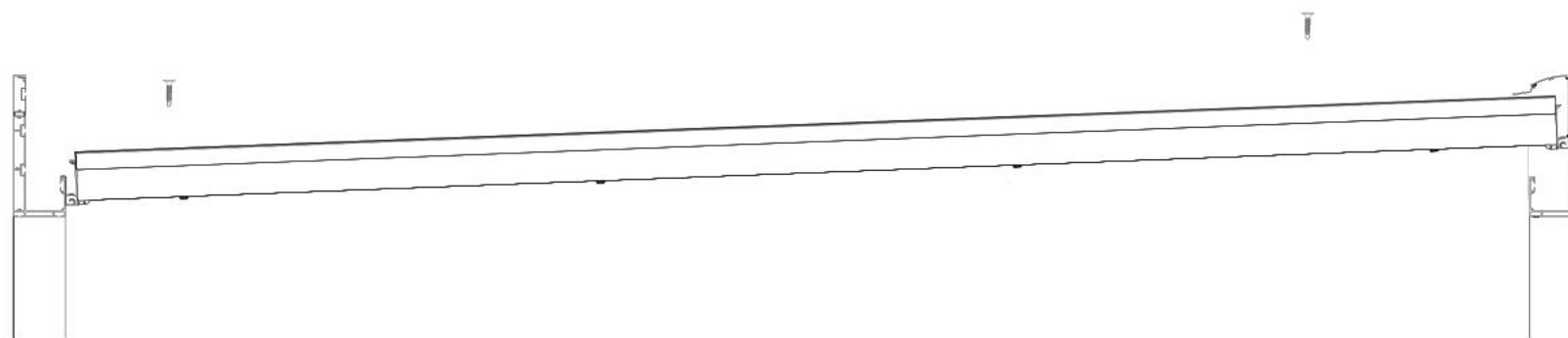
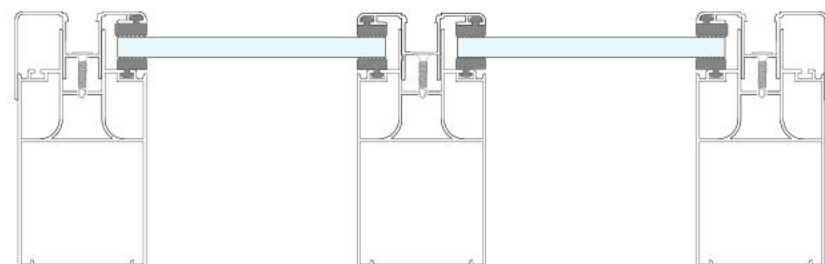




3.9x40 screw

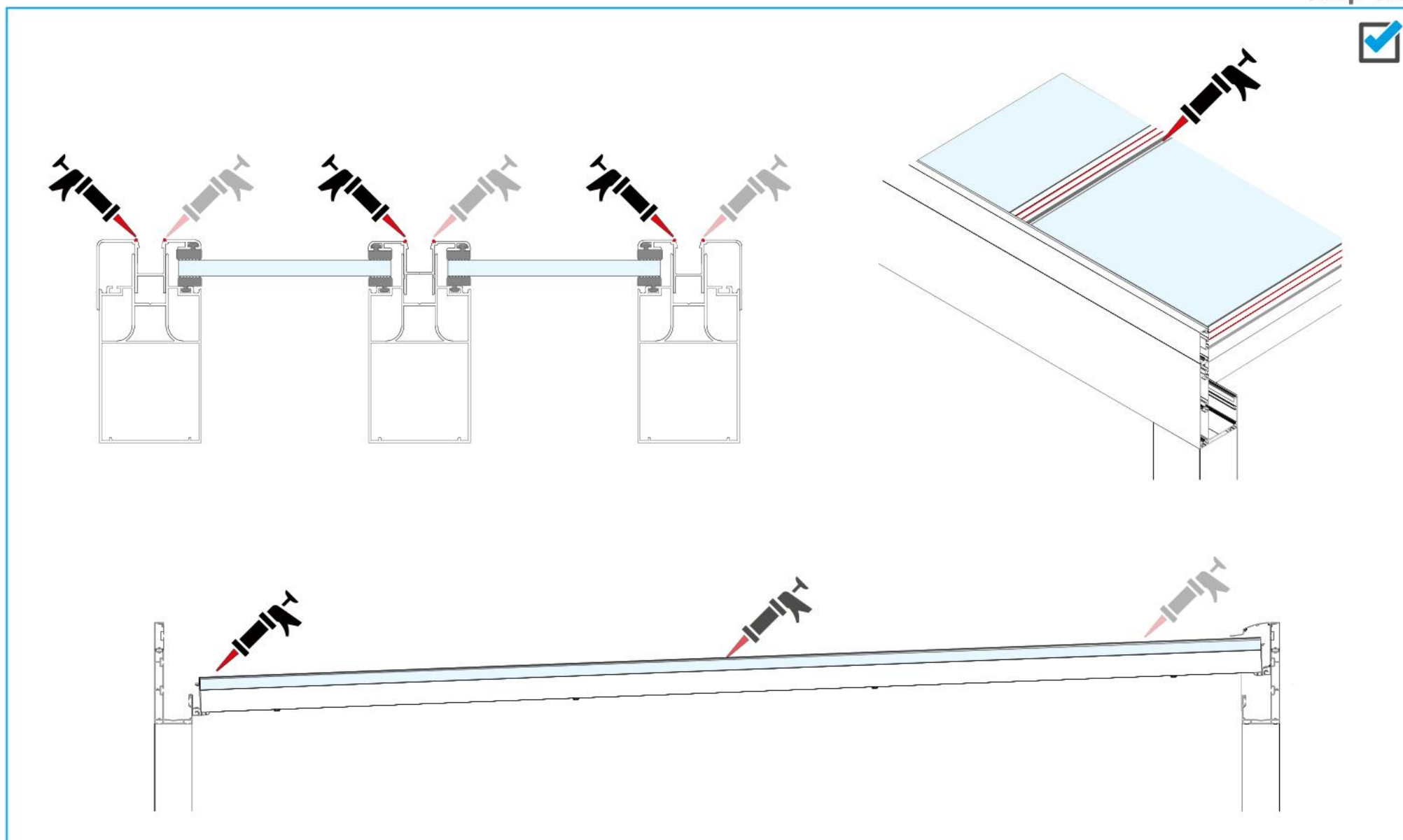


**After fixing all the profiles,
add screws to each profile,
front and back.**



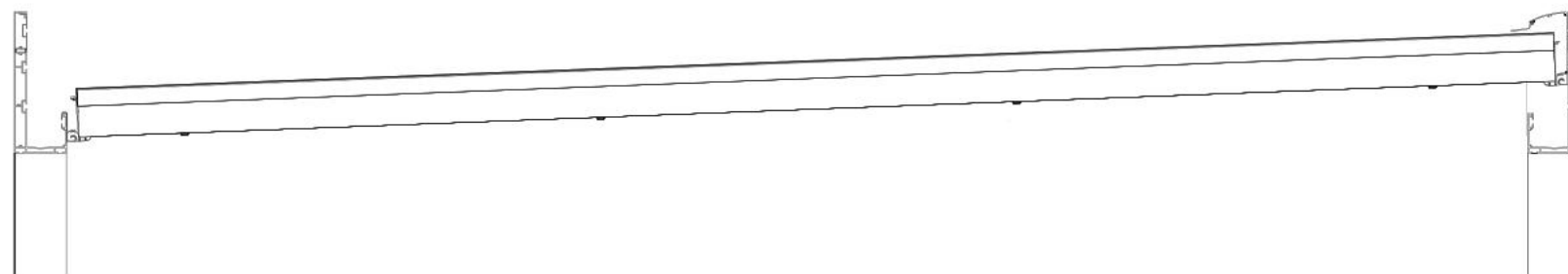
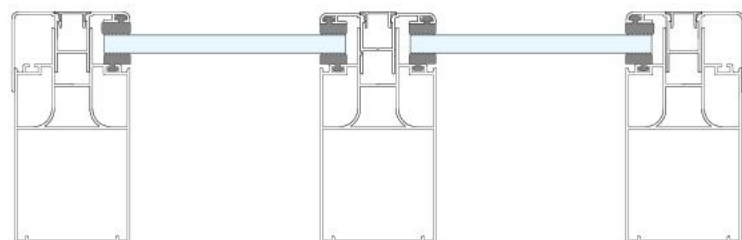
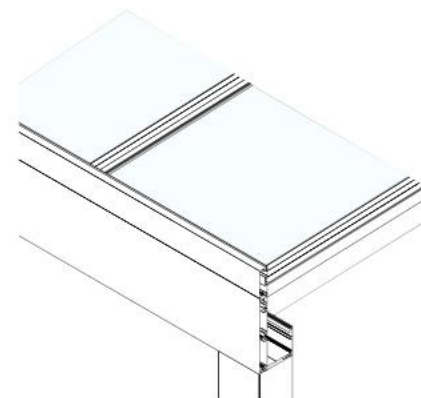
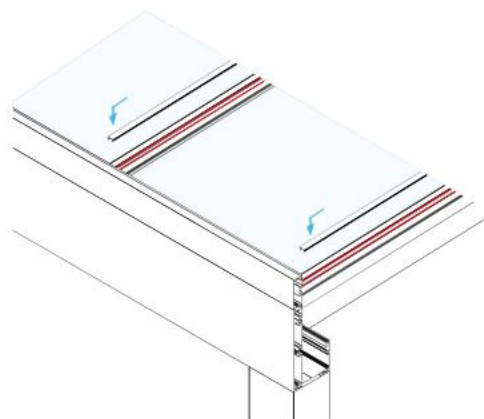
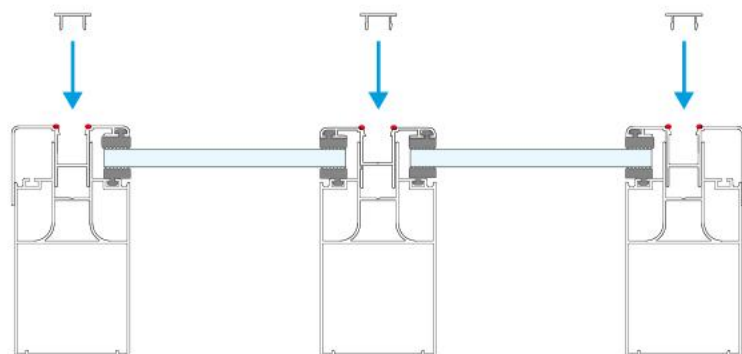
After installing every SX41 + SX 33 combination, add silicone sealant on this for every profile. Apply the silicone, starting from the front and continue to the back.

Step 5.3

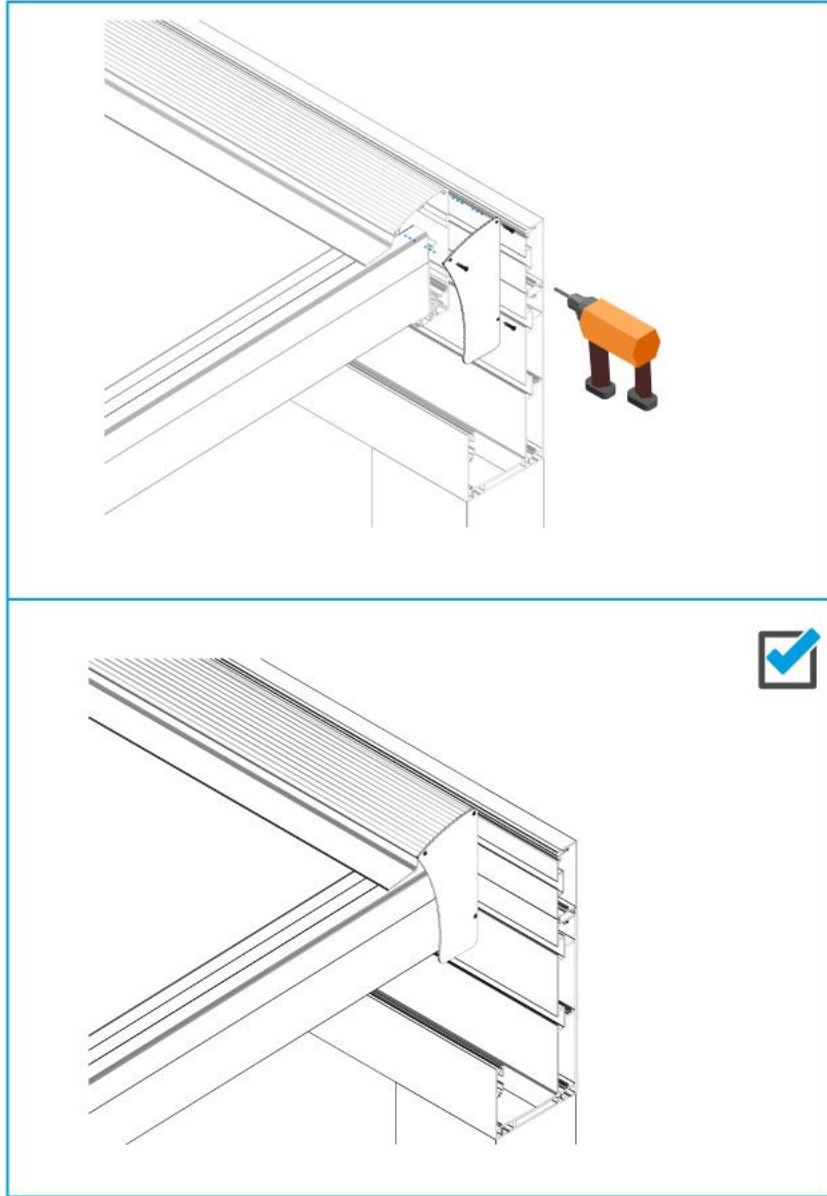


Add **CB 62** for the cap function on **CB 61 + CB 63** combination.

Step 5.4



Step 5.5

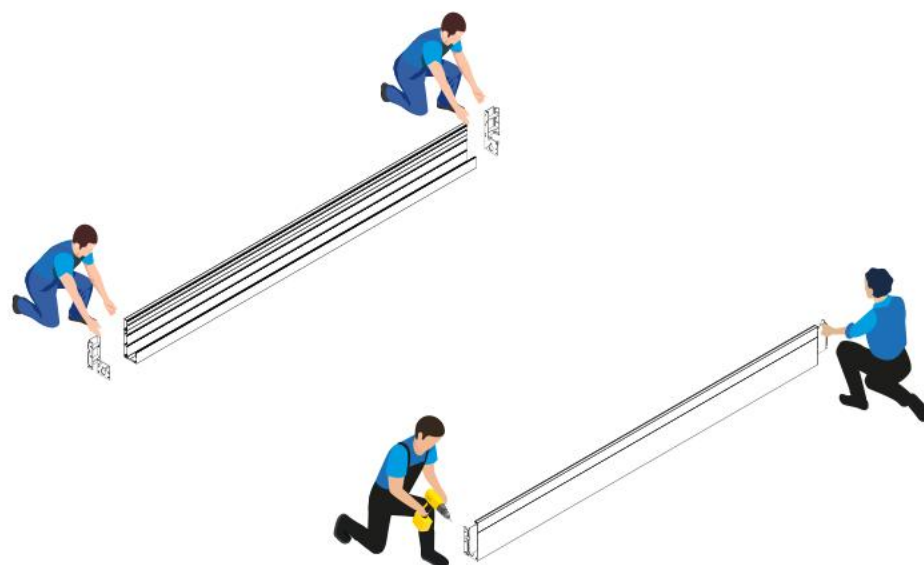
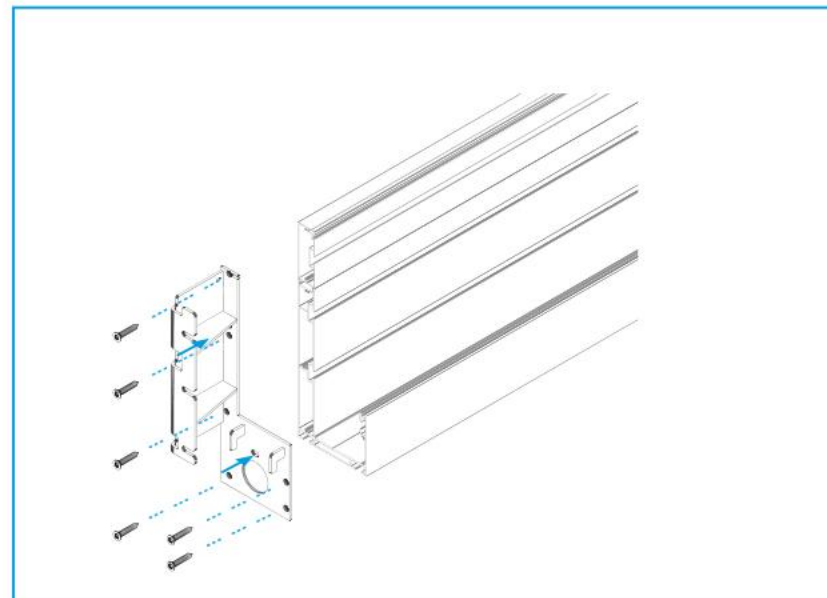
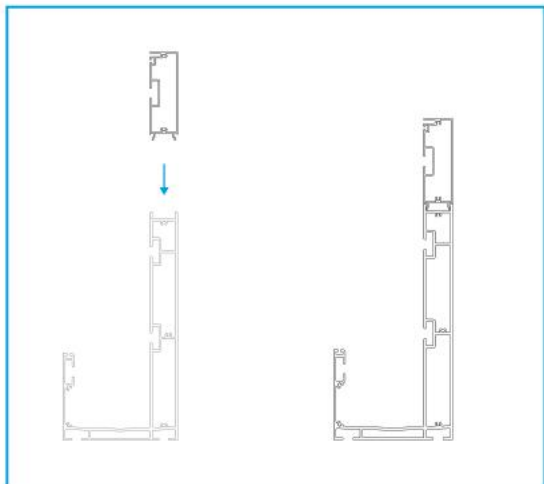


Install the **CB 64** profile on the front side of the system's both sides as shown in the picture.



Step 6.1

In the step install the **CB 42** profile on the **CB 41** side gutter.
After that install **CB 43** profile of the **CB 42** side gutter's
both sides as shown in the picture.



Before installation of the side gutter set, we will install Side connection profile **CB 34**. Align this profile in the direction of the slope next to the **CB 51** profile that we mounted before and complete the assembly with the help of screws.

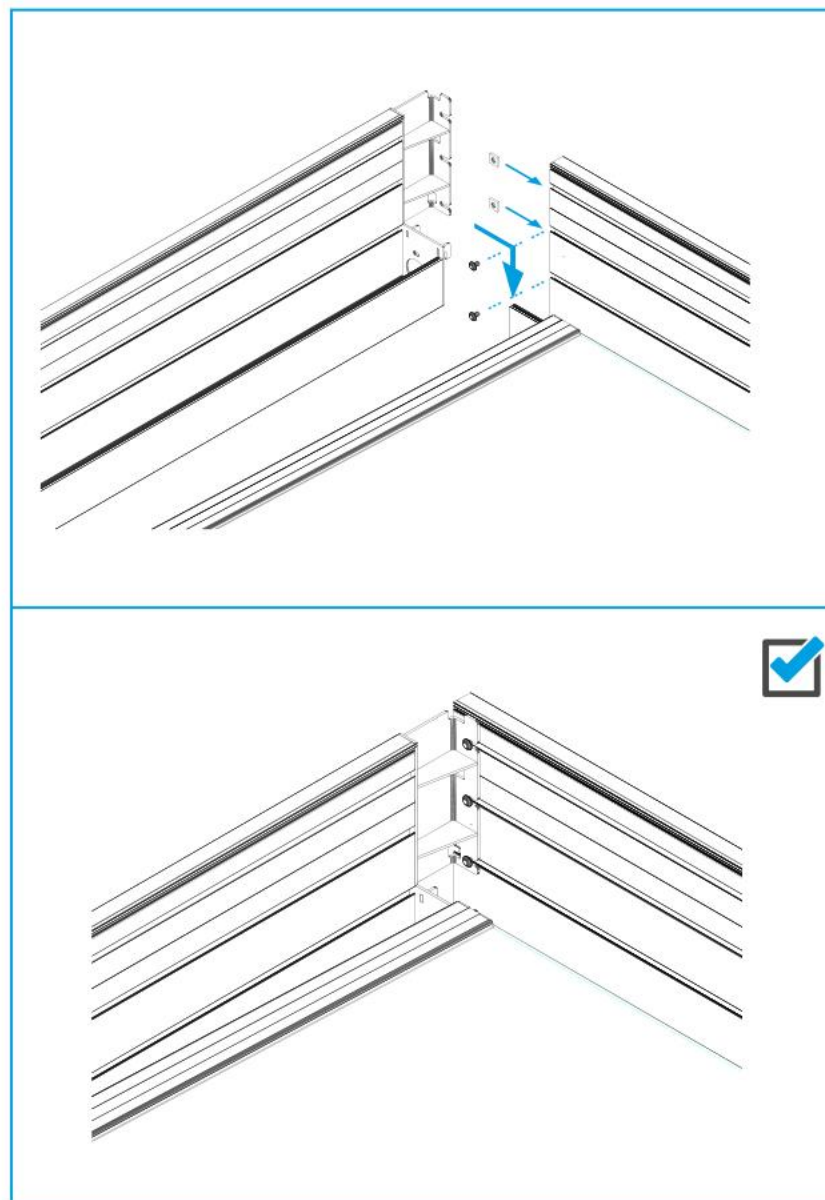
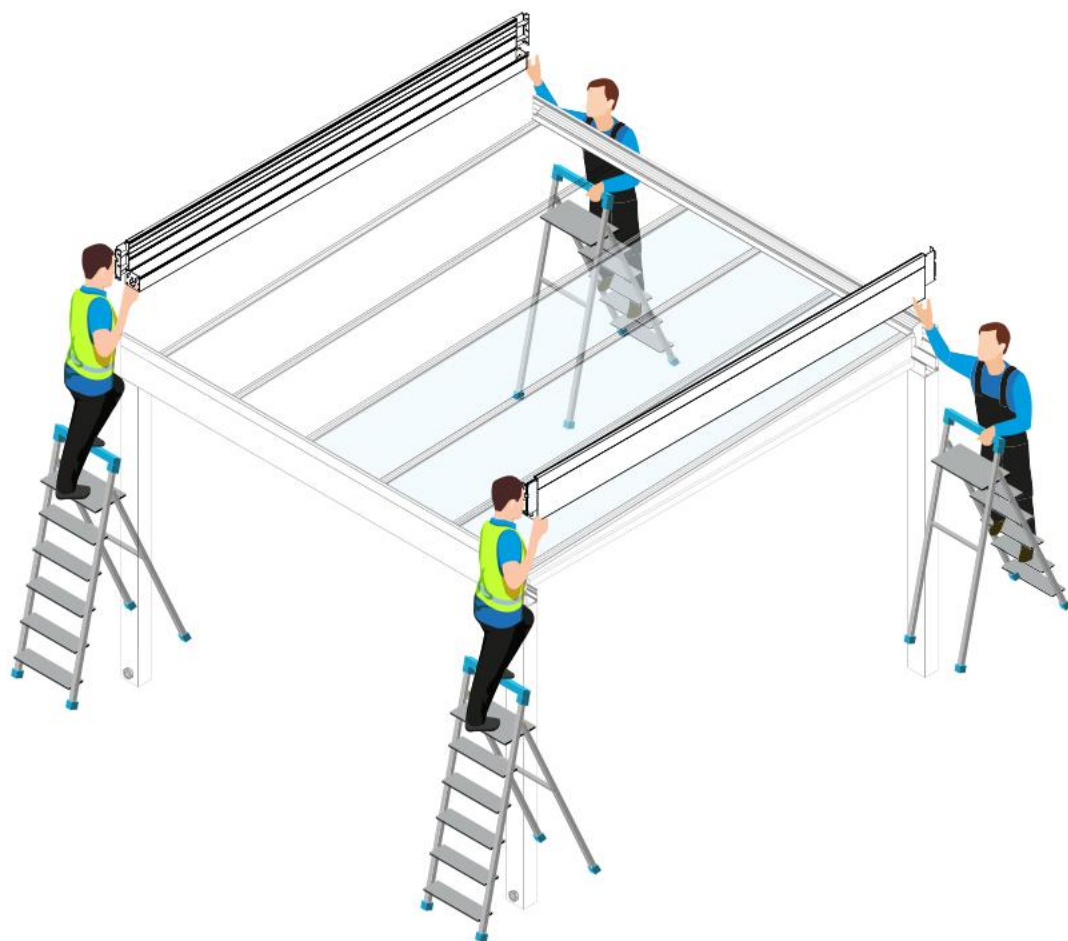
Step 6.2

M6x45 torx



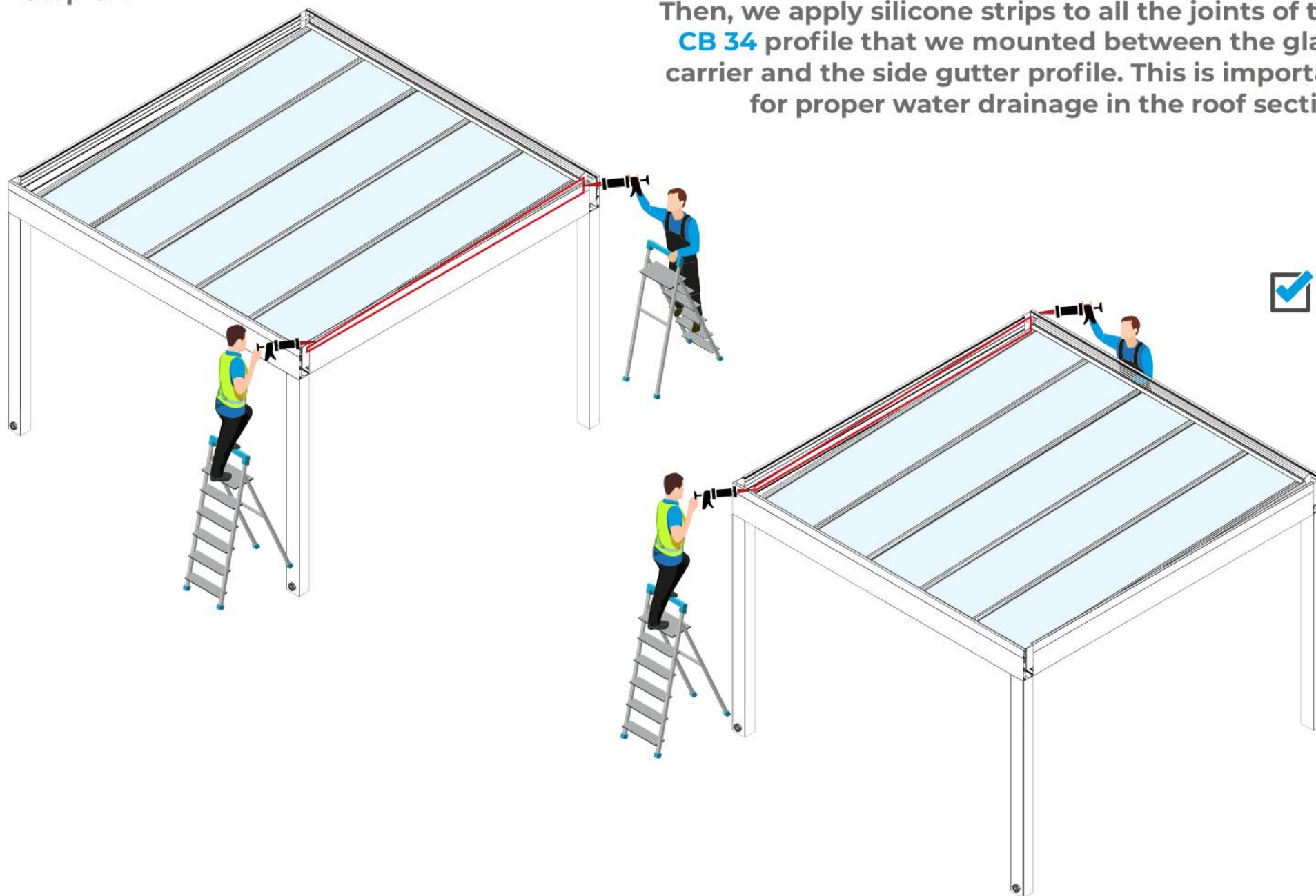
Step 6.3

After completing the assembly of the joint profile, we install the side **CB 42** profile set that we have previously assembled, as shown below. We complete the assembly using screws and square nuts.



Step 6.4

Then, we apply silicone strips to all the joints of the **CB 34** profile that we mounted between the glass carrier and the side gutter profile. This is important for proper water drainage in the roof section.

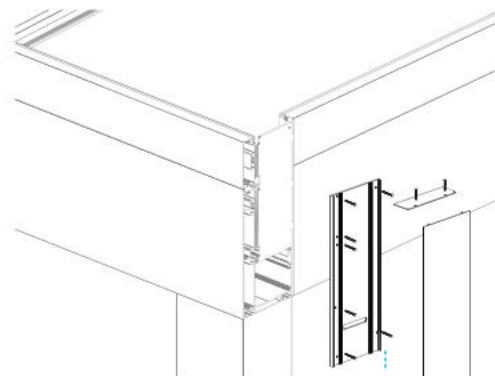


In this step, place the glass **SX 32** on the rail profiles **SX 31** that you aligned in the previous step as shown below.

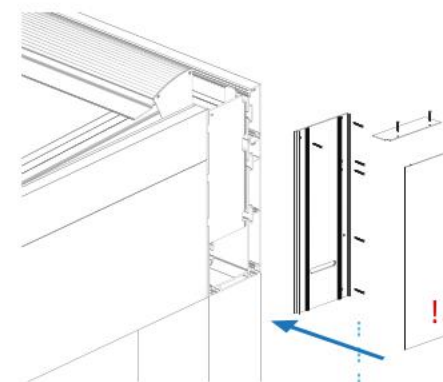
Make silicone sealant to the gutter sides for the cap connection against water infiltration.

Step 6.5

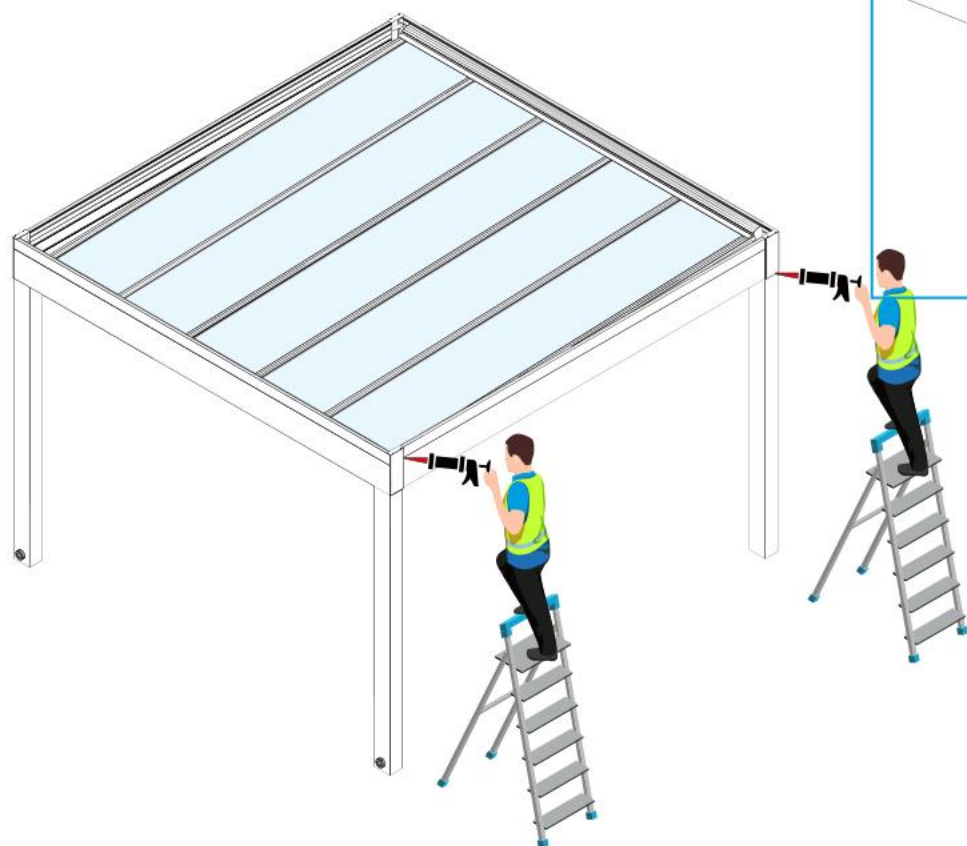
Front side



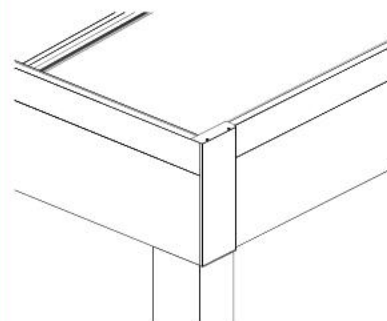
Back side



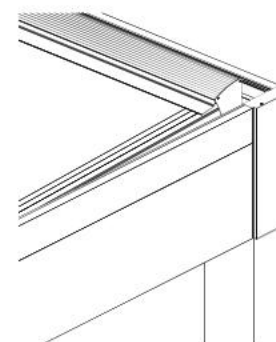
4.2/25 torx



Front side



Back side



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