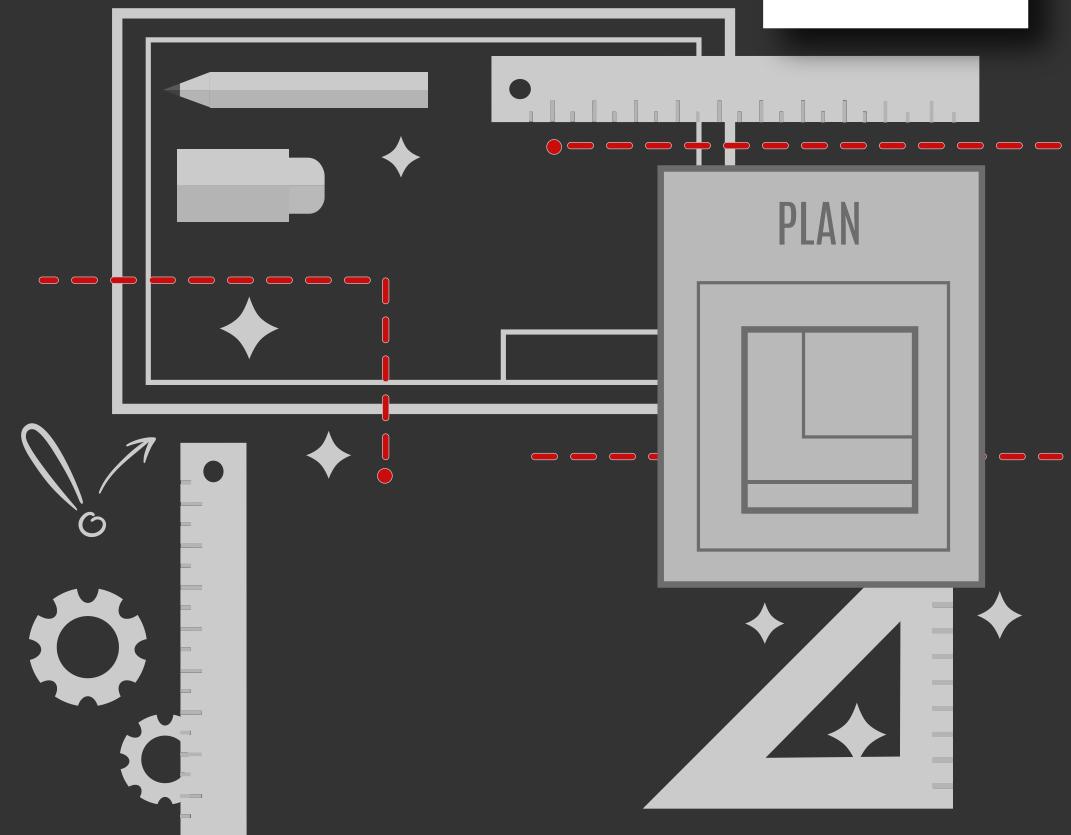
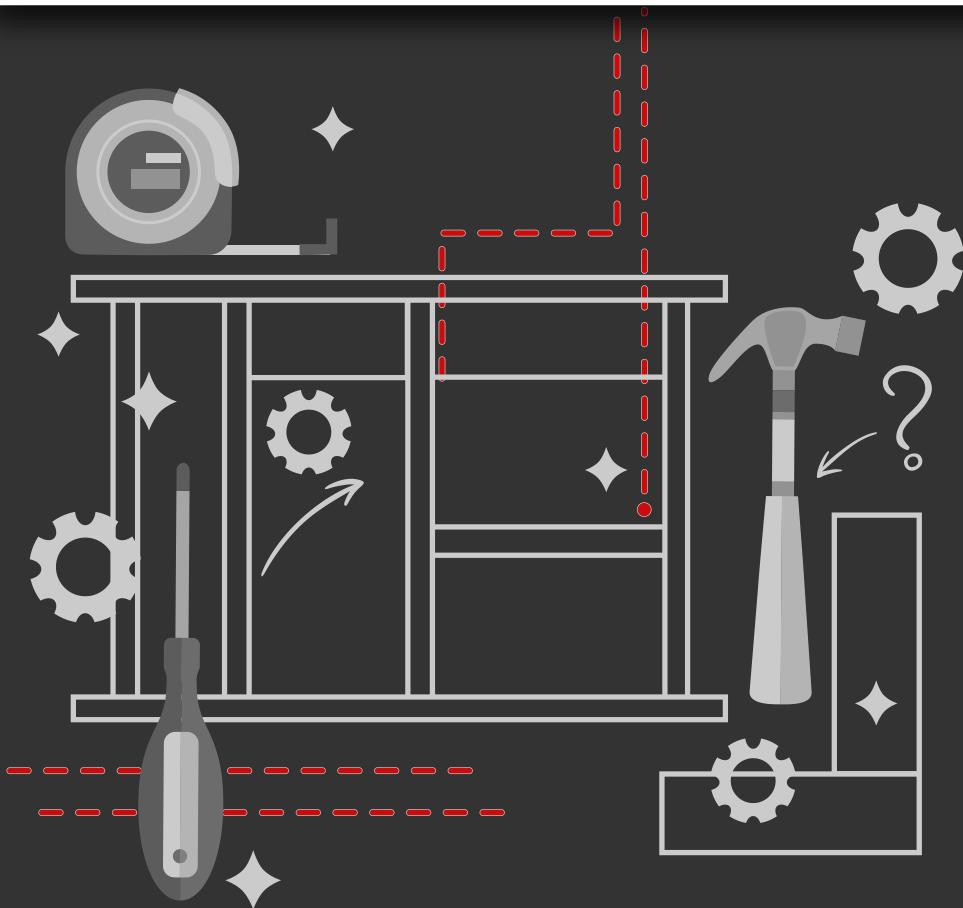


# Guillotine

## GSAL100 / Sash windows

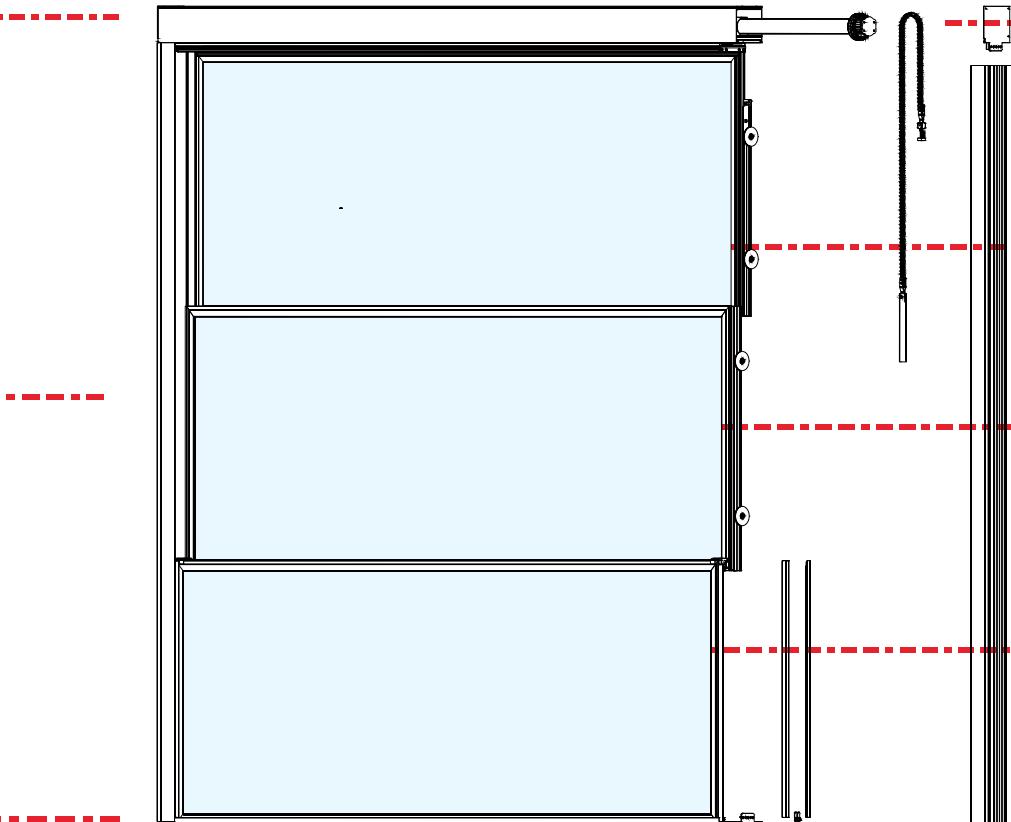
### Assembly Instructions



# Content List

## Step 1

installing  
frame  
profiles



## Step 2

installing moving  
accessories

## Step 3

installing 1st Glass

## Step 4

installing 2nd Glass

## Step 5

installing 3rd Glass

## Introduction

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**01**

## Section View

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**02**

## List of Parts

Page

**03**

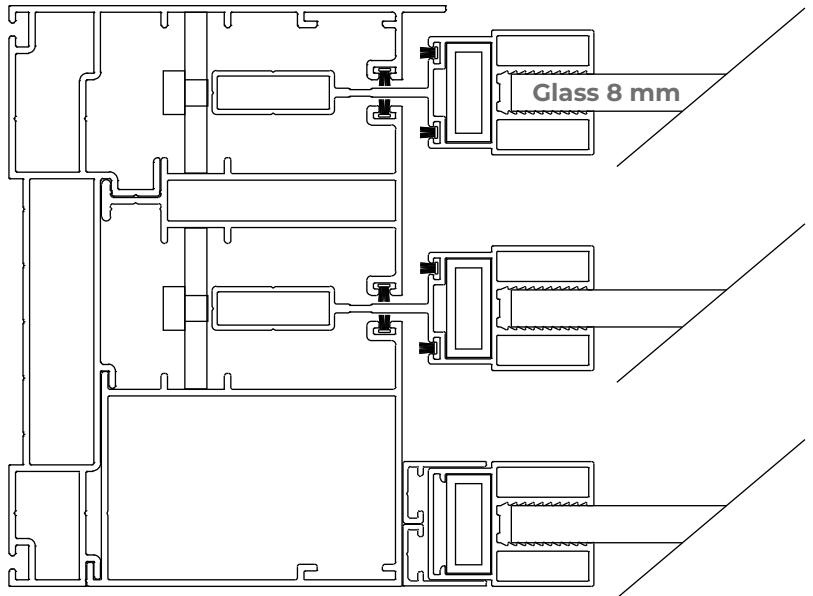
## Step 1

Page

**07**

## ALBATRO

Single Glass Verlass (8 mm)



**Step 2**

Page

**09**

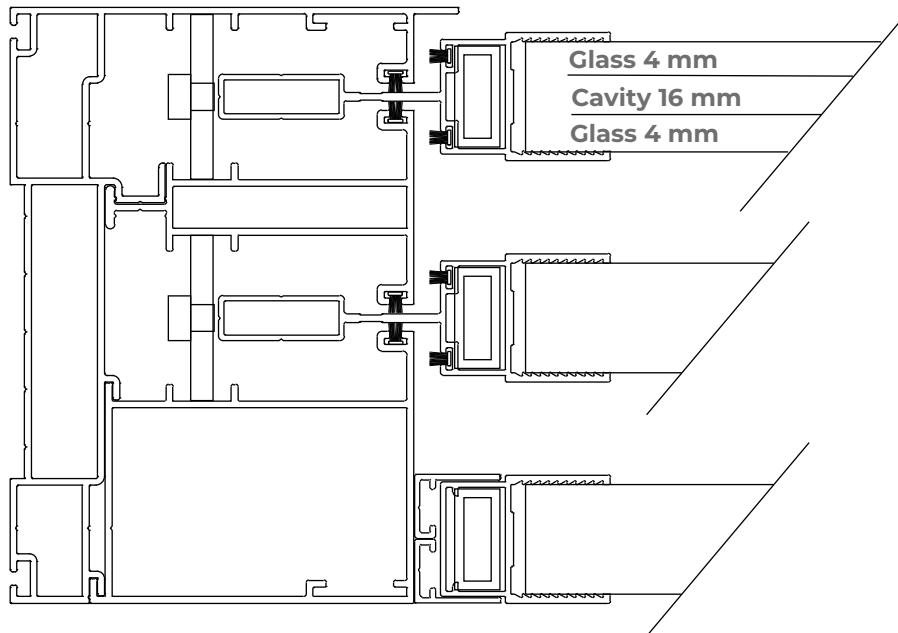
**Step 3**

Page

**10**

## CORMORANO

Double Glass Verlass (24 mm)



**Step 4**

Page

**13**

**Step 5**

Page

**23**

# Introduction

Thank you for purchasing AFPG Guillotine Product.

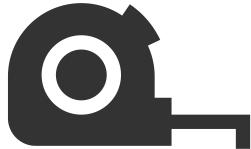
These instructions include helpful hints and important information needed to safely assemble and properly maintain the Product. Please read these instructions completely before you begin and follow the steps in the order they are presented.

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)



5. Make sure you have the proper tools:

- Tape Measure



- Work Gloves



- Safety goggles

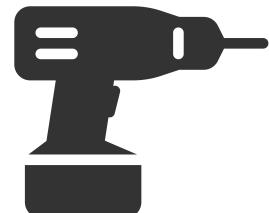


- Concrete Screw - Buldex 16 - 20 pcs

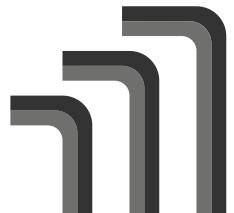
Expansion Bolt 16 - 20 pcs



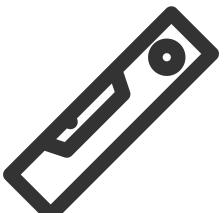
- Drill



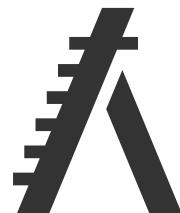
- Hex Key



- Spirit Level

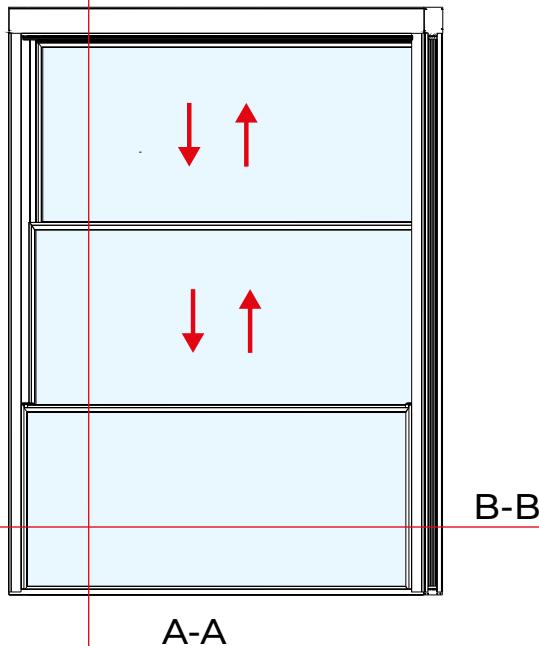
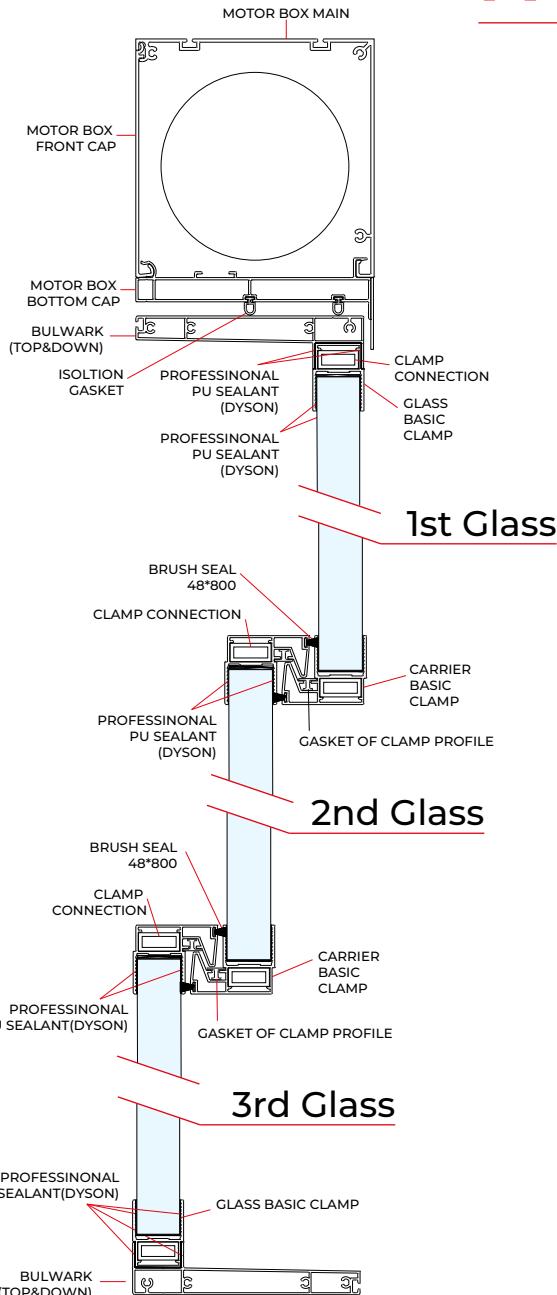


- 2 Small Step Ladders



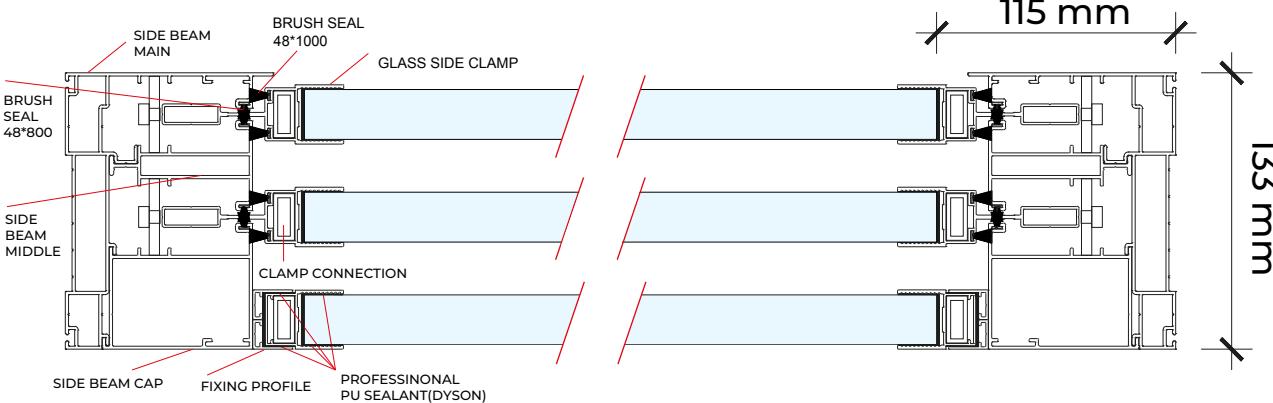
**A-A**

# Product Section View

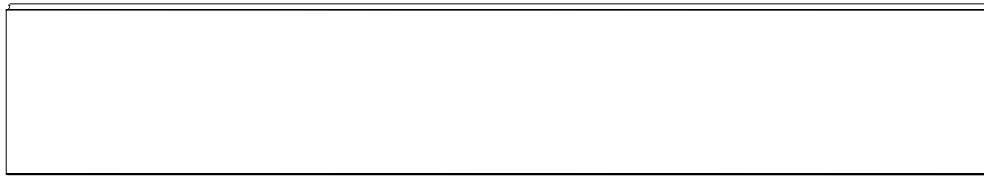
**Information:**

On the left side of the page you can check the A-A cross-section of the Verlass system and on the bottom B-B cross-section. This section view includes every detail of the connection of the parts.

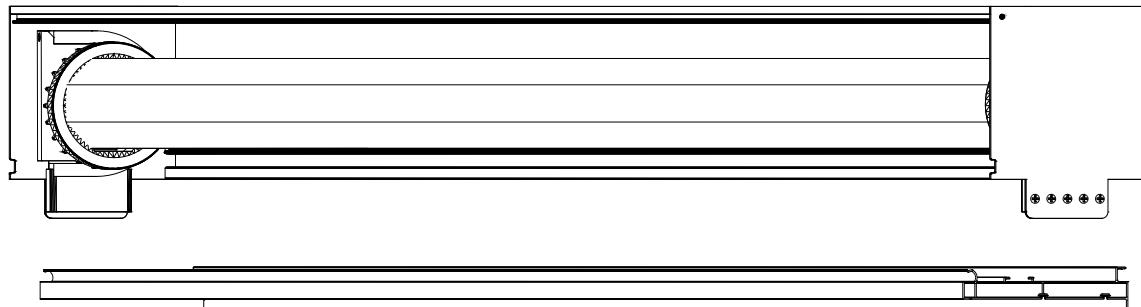
You can check every supporting parts against impact and leak (like water or air)

**B-B**

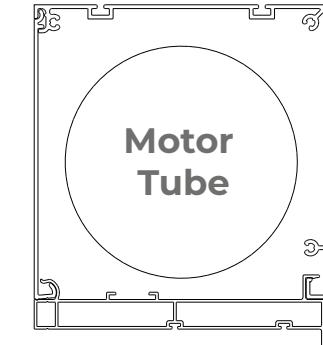
# List of Parts



**AL 11**  
Box  
Front  
Profile



**AL 12**  
Box  
Back  
Profile



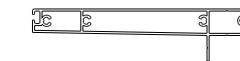
**AL 13**  
Box Bottom Profile

## Motor Box Set

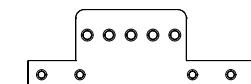
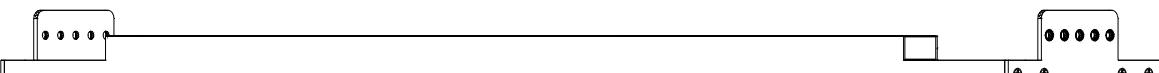
**AL 31**  
Top Bulwark Profile



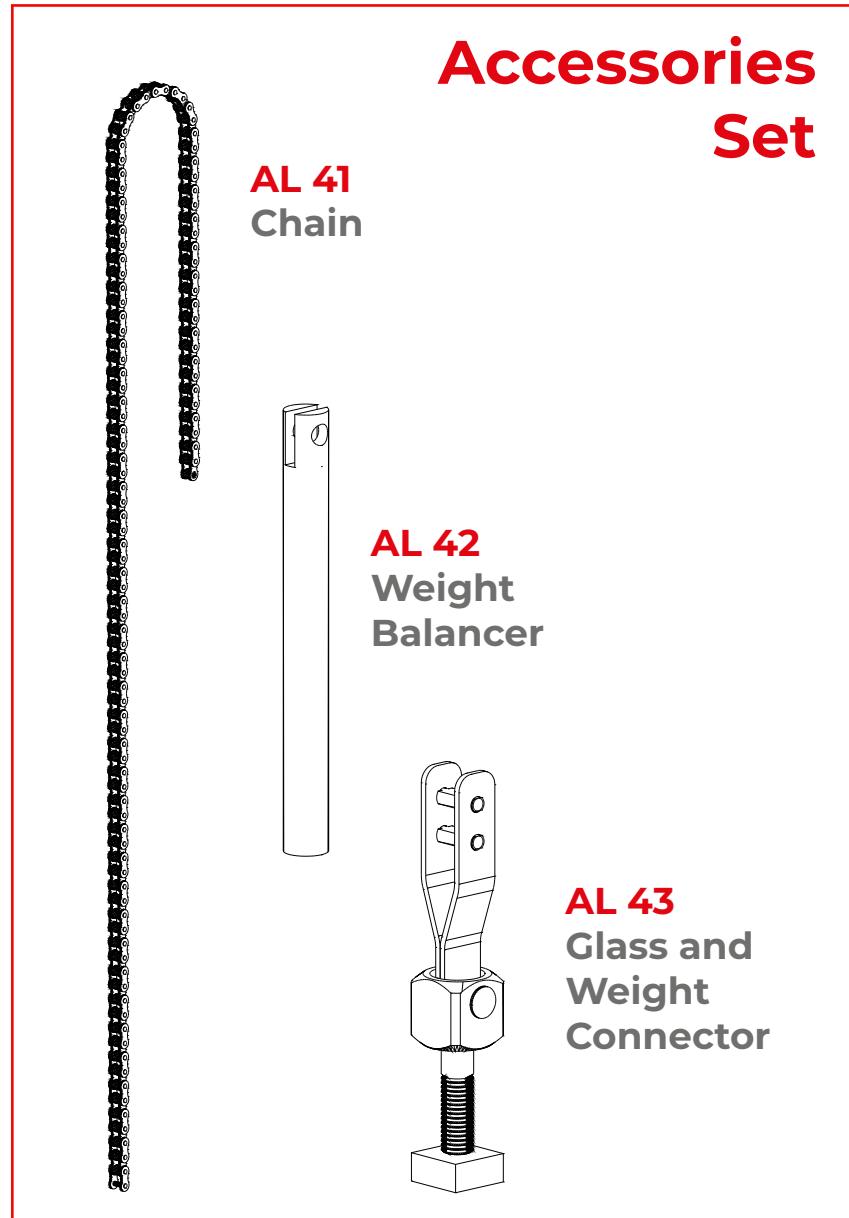
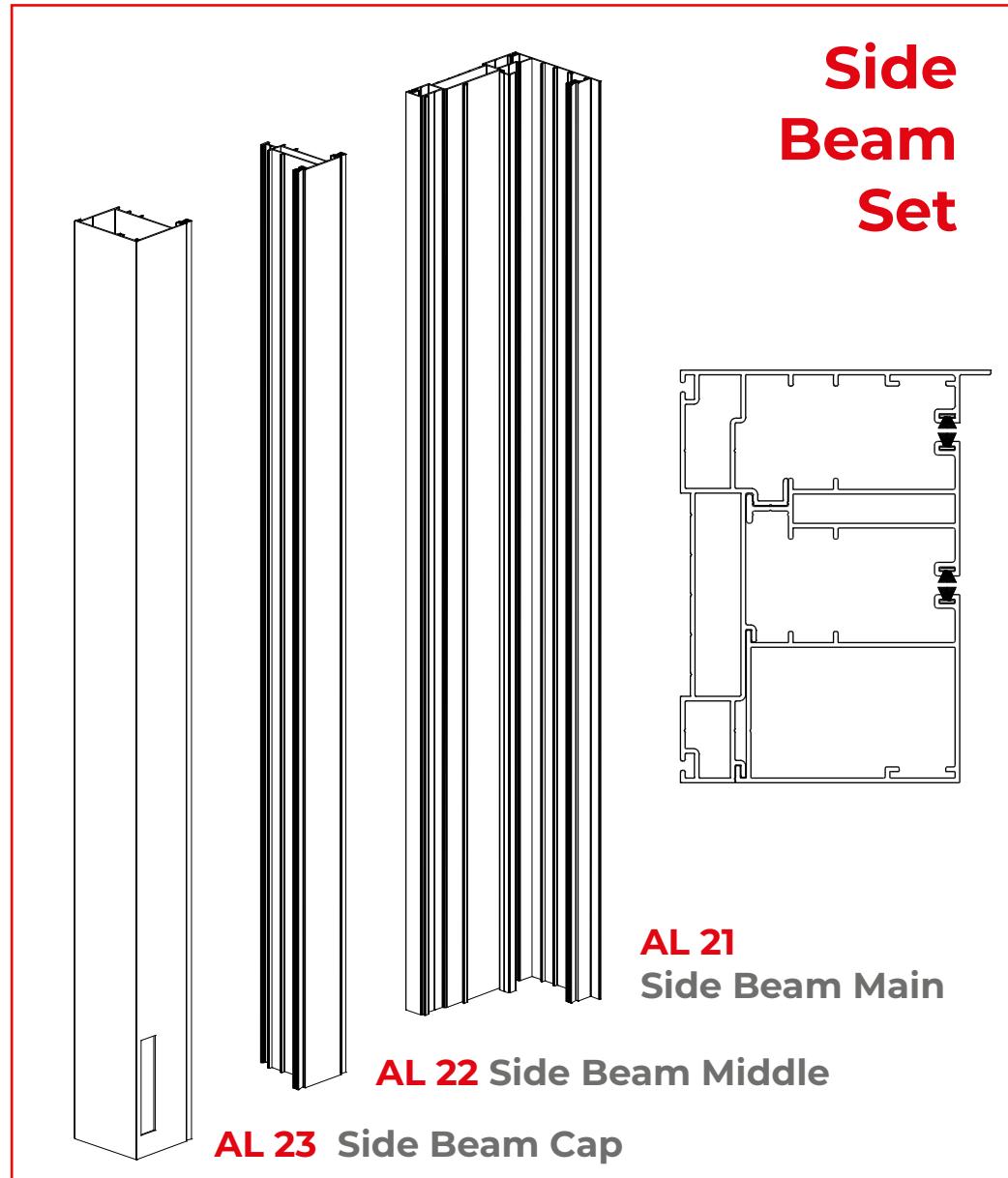
## Bulwark Profile



**AL 32**  
Bottom Bulwark Profile



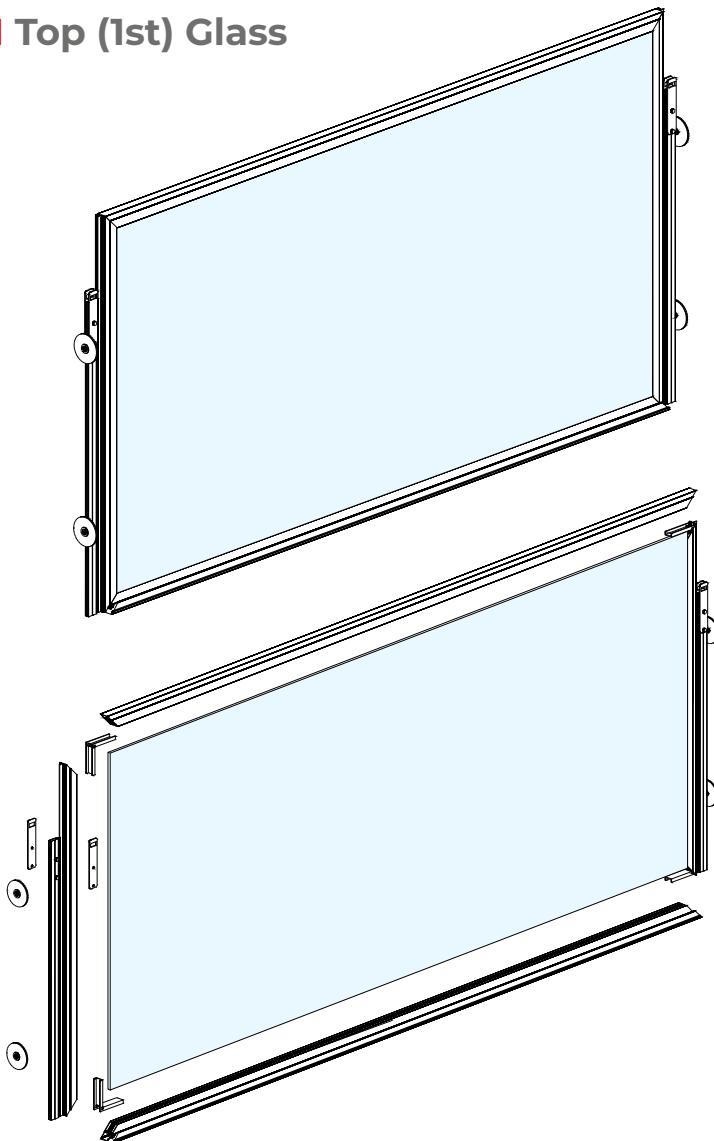
# List of Parts



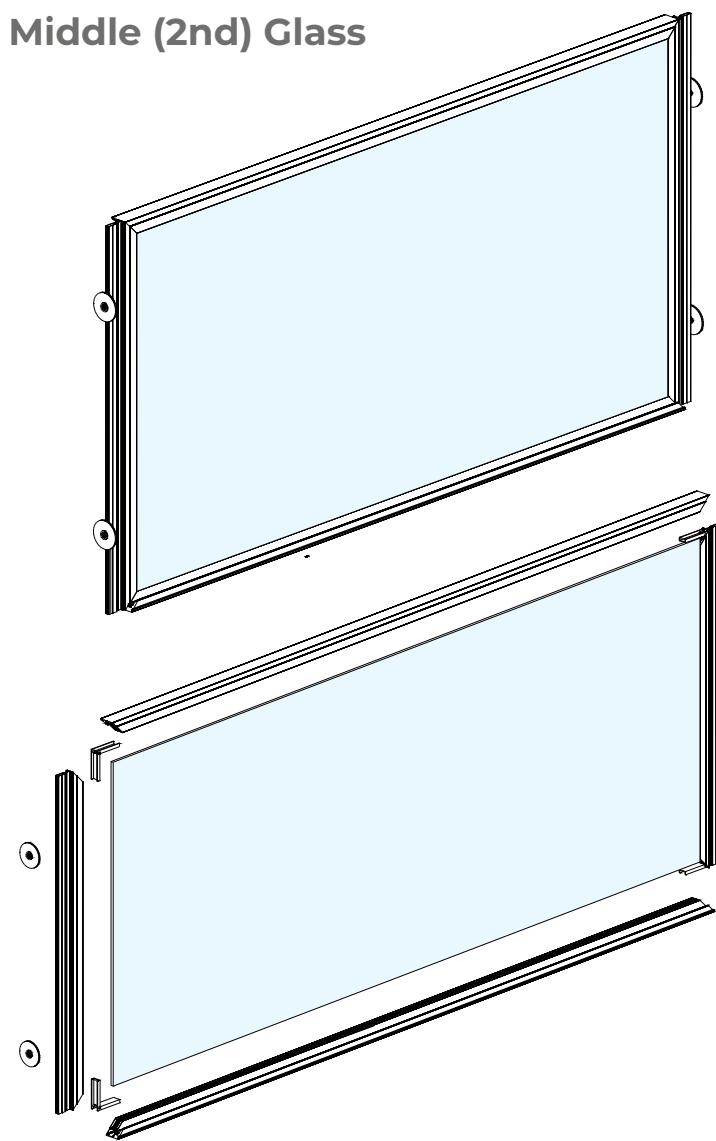
# List of Parts

Glass

**AL 51** Top (1st) Glass



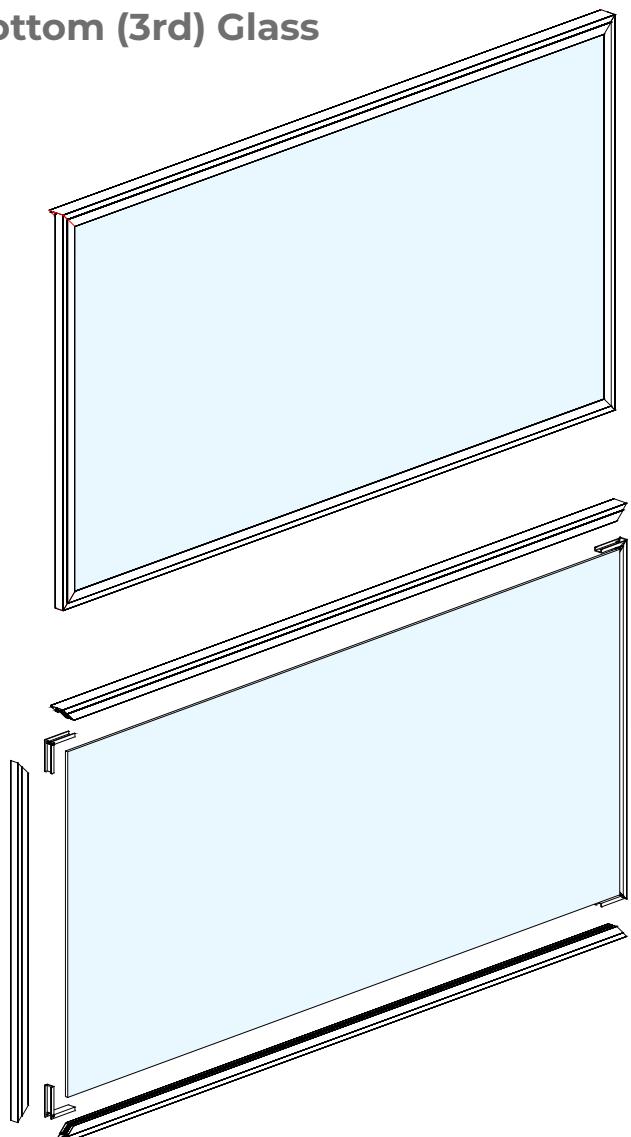
**AL 52** Middle (2nd) Glass



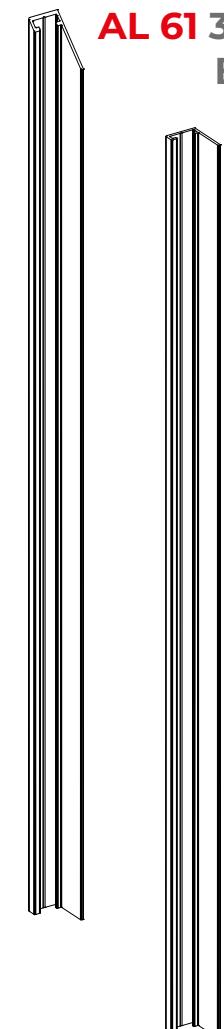
## 3rd Glass and Support Parts

# List of Parts

**AL 53** Bottom (3rd) Glass

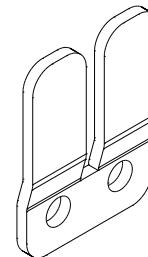


**AL 61** 3rd Glass Railway  
Back Profile

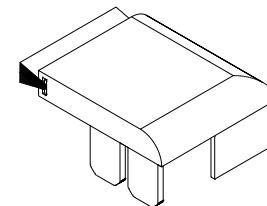


**AL 62** 3rd Glass Railway  
Back Profile

**AL 63** 3rd Glass Railway  
Cap

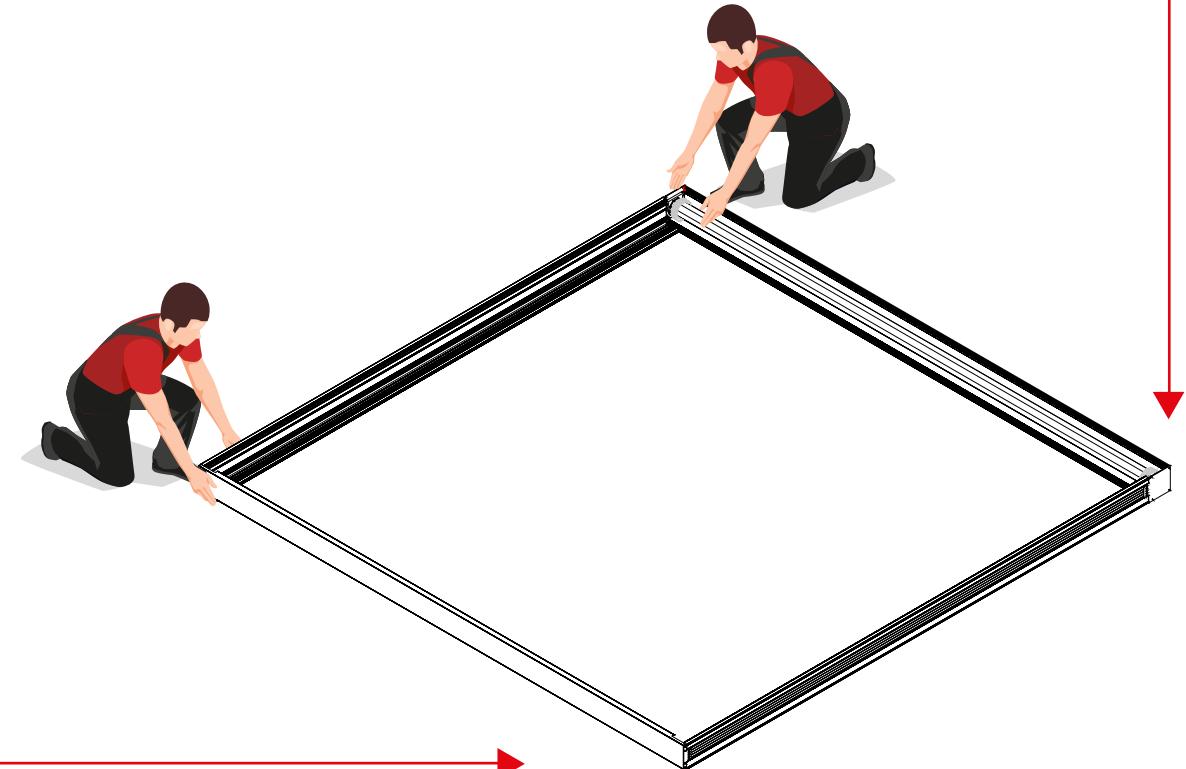
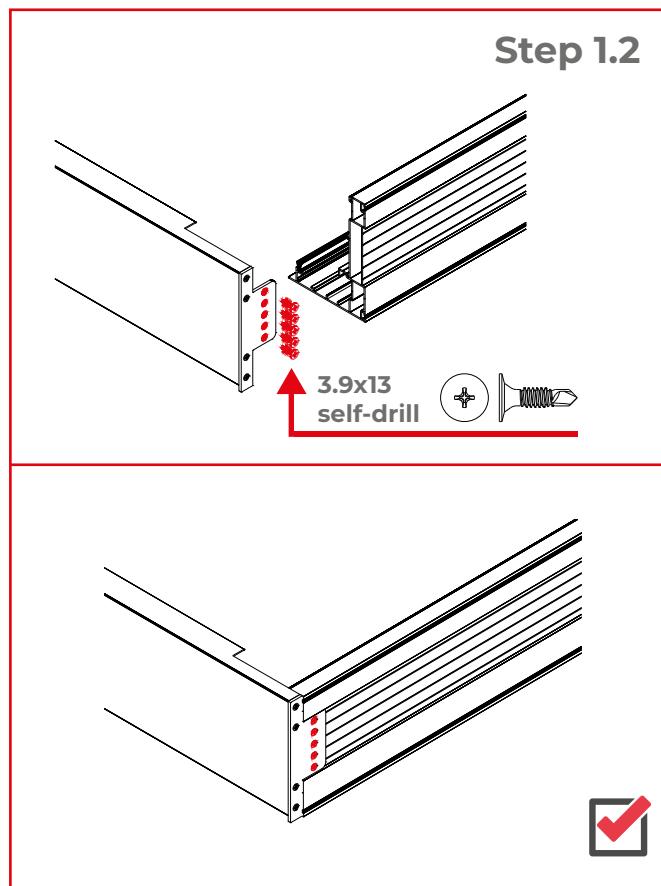
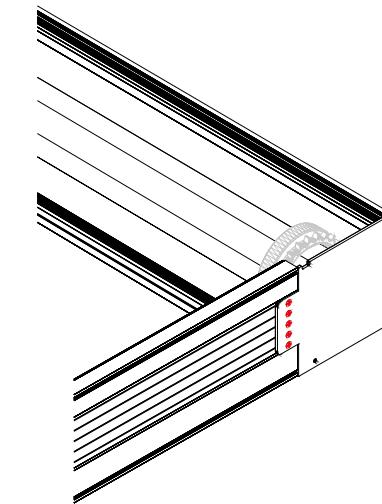
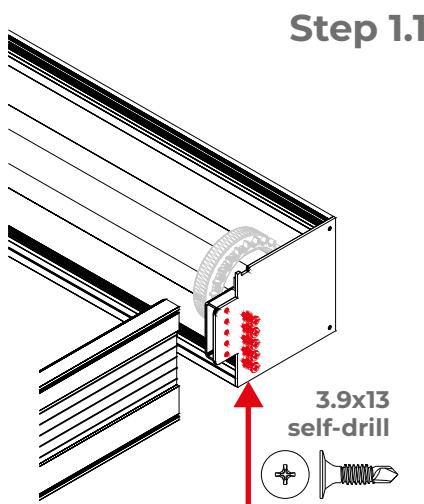


**AL 64** 3rd Glass Railway  
Profile Connector



# STEP 1

Place frame profiles (**AL21 Left and Right**) parallel to each other the ground. Place one long beam (**Box Profile-AL11 and AL31**) into cut-out on corner posts as shown. Attach post connector (**AL32**) using two screws through pre-drilled holes in long beam (**Box Profile-AL11 and AL31**). Tight the screws.

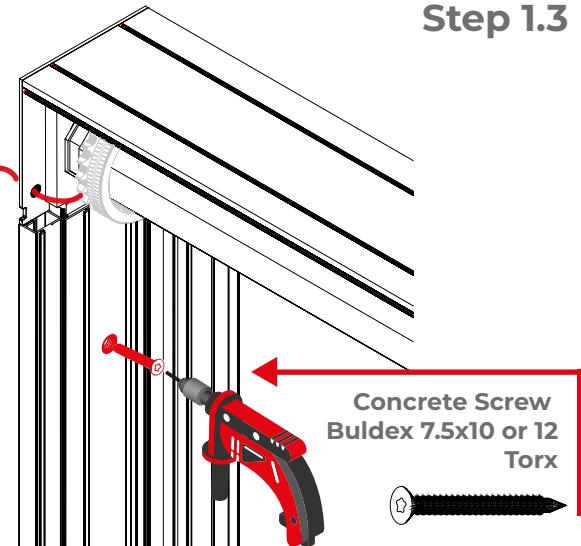


# STEP 1

## Step 1.3

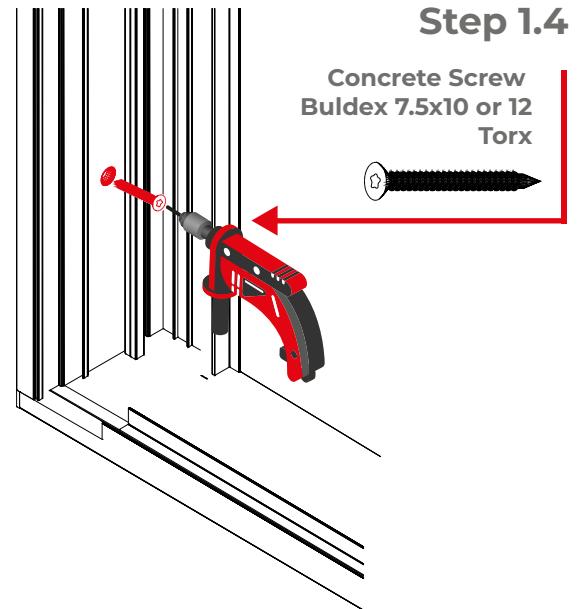
For the engine connection the **cable** you need to make place (hole) to push that outside and need to provide Screwdriver.

And **make 3 places (hole) from top, middle, bottom** for screws between VERLASS and outside posts.



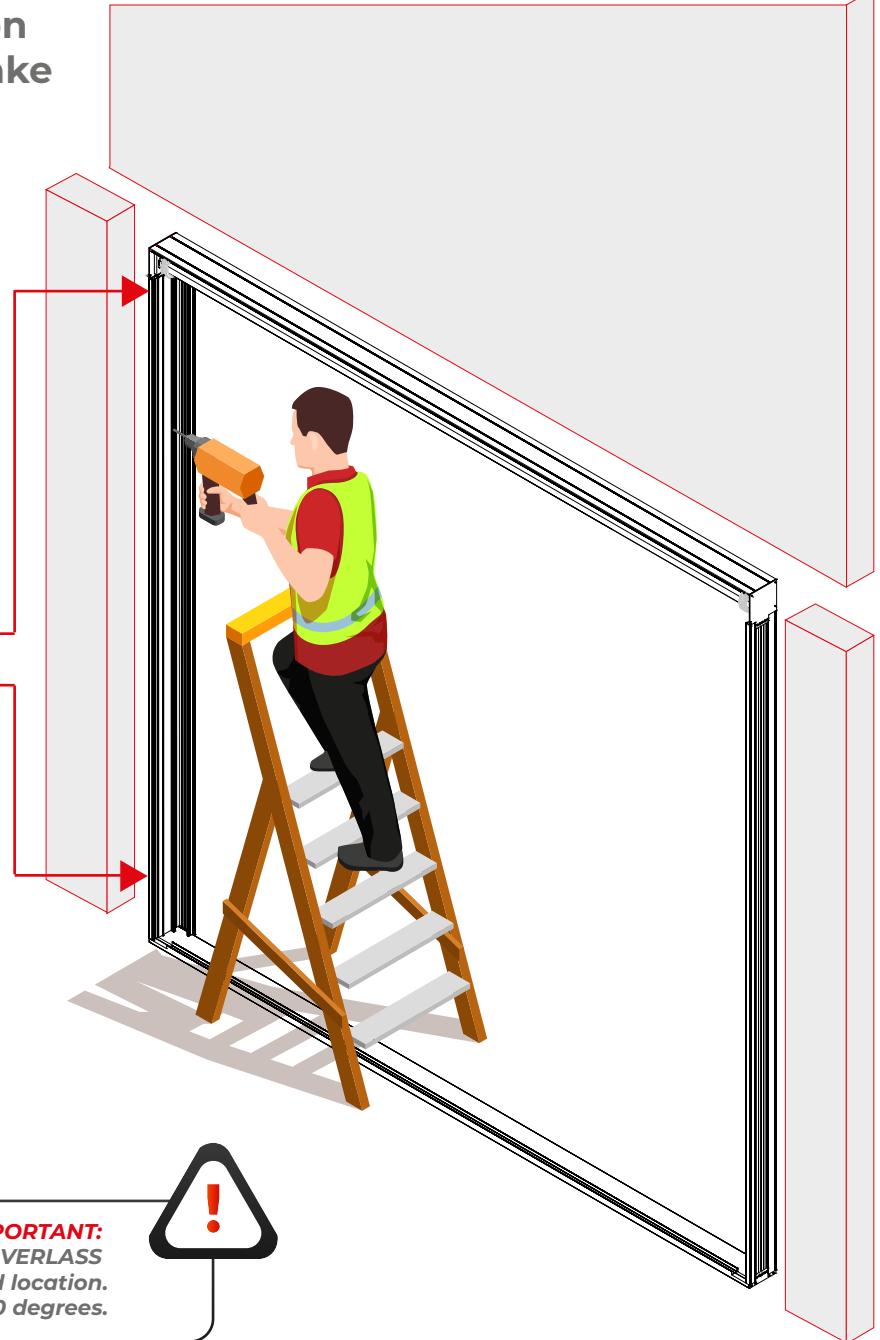
## Step 1.4

Concrete Screw  
Buldex 7.5x10 or 12  
Torx



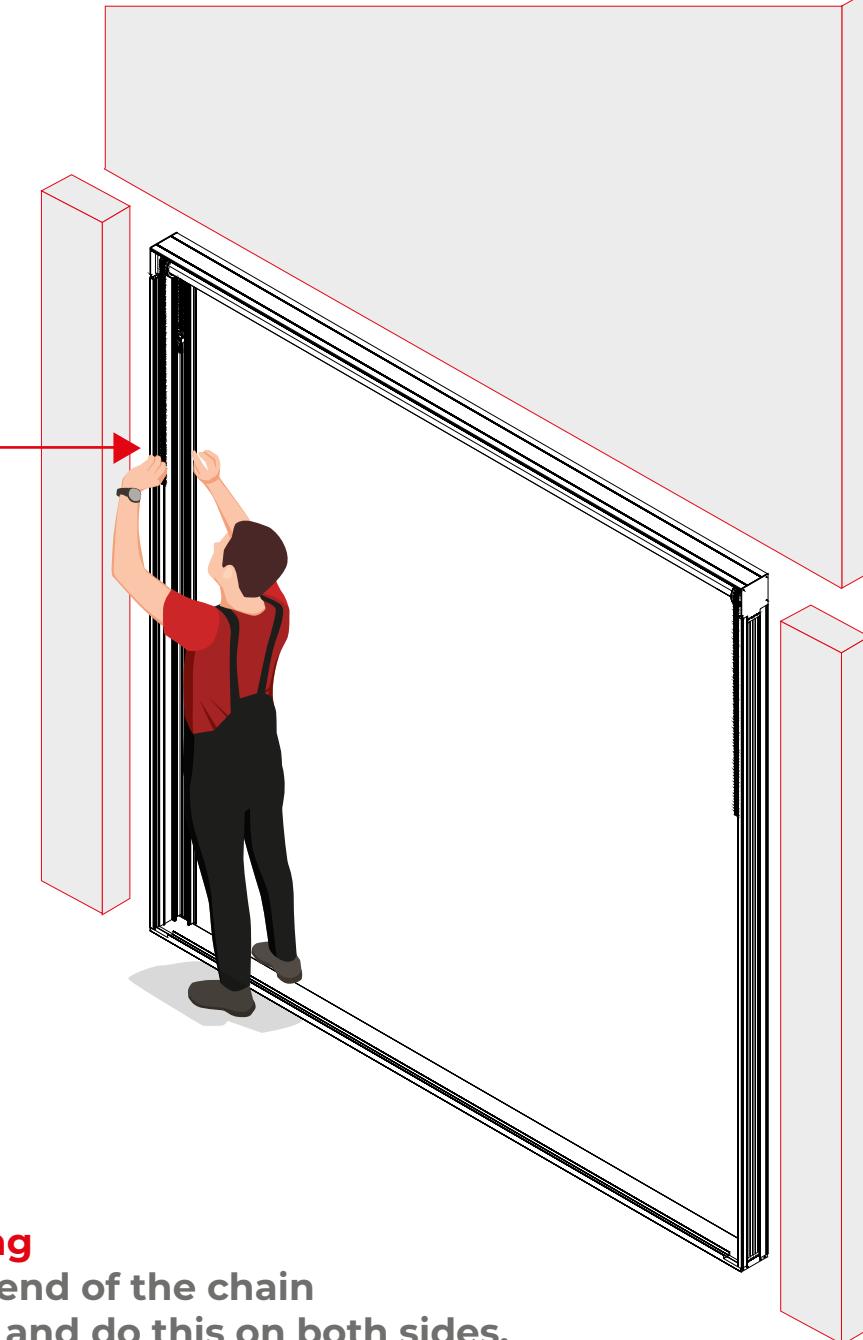
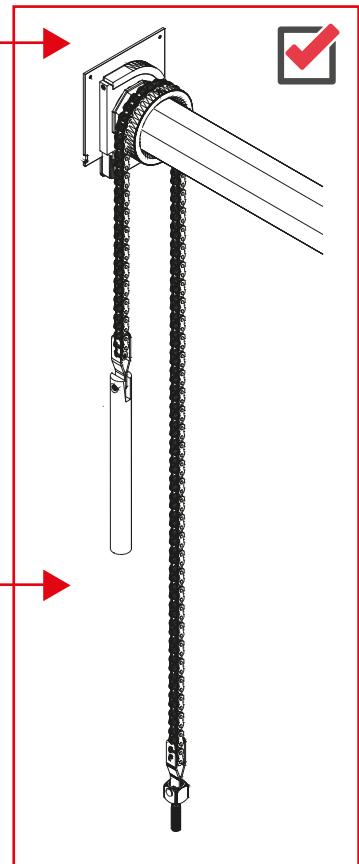
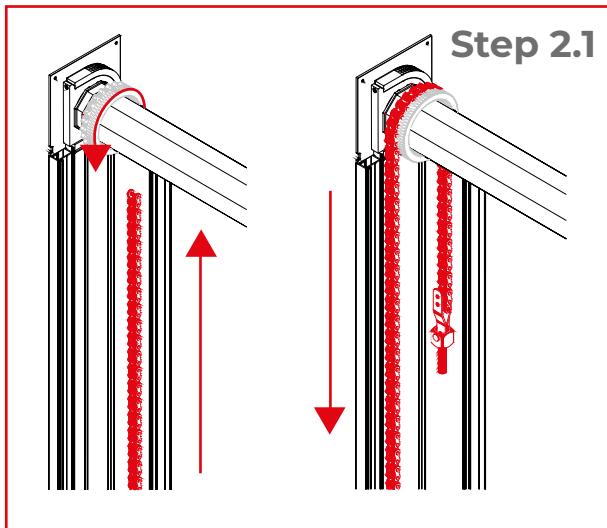
**NOT SUPPLIED**  
to be purchased by user.

**IMPORTANT:**  
After this step you should place the VERLASS  
frame in its desired location.  
Make sure all corners are squared at 90 degrees.



# STEP 2

Take one of the **chains** included in the package and place it on the top of the **engine wheel** from the front to the rear.

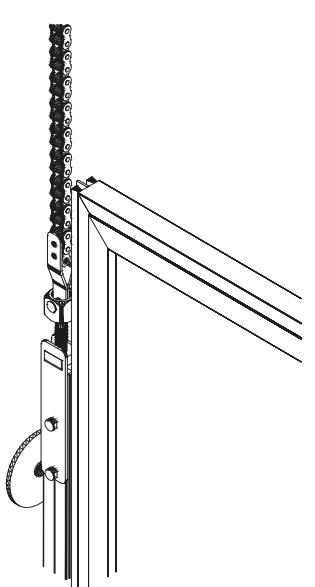
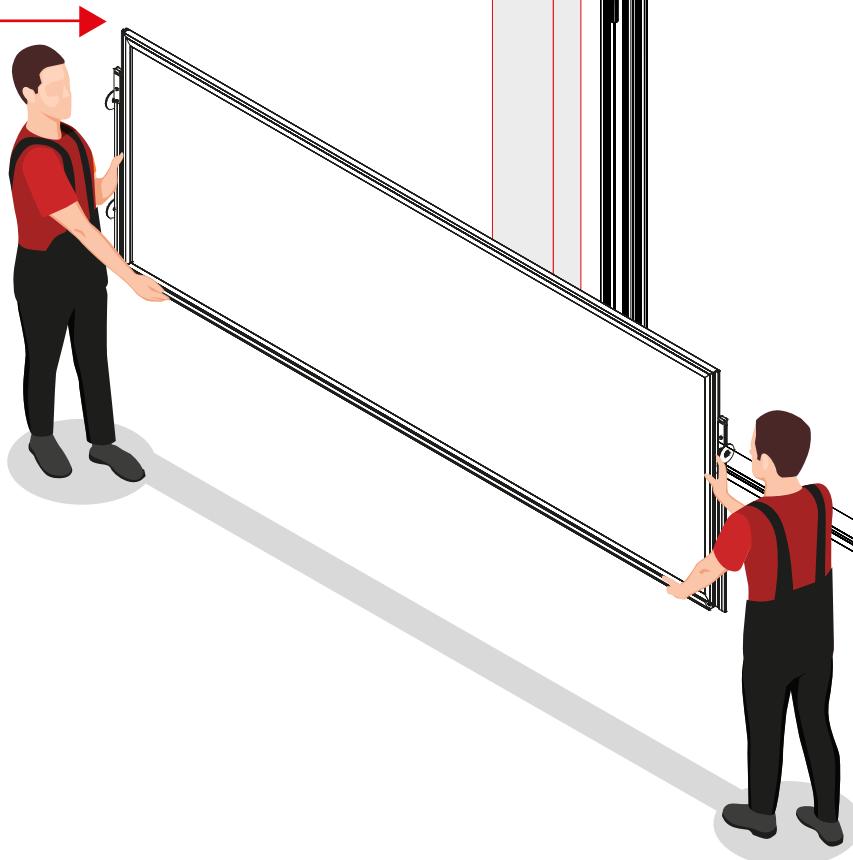
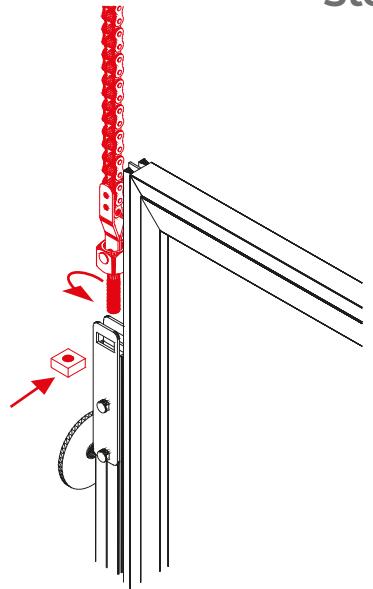


Assemble the **weighting** elements on the front end of the chain placed on the impeller and do this on both sides.

# STEP 3

## Step 3.1

Connect the holders in the glass frame and the **chain attachments** using the fasteners as shown in the photo.

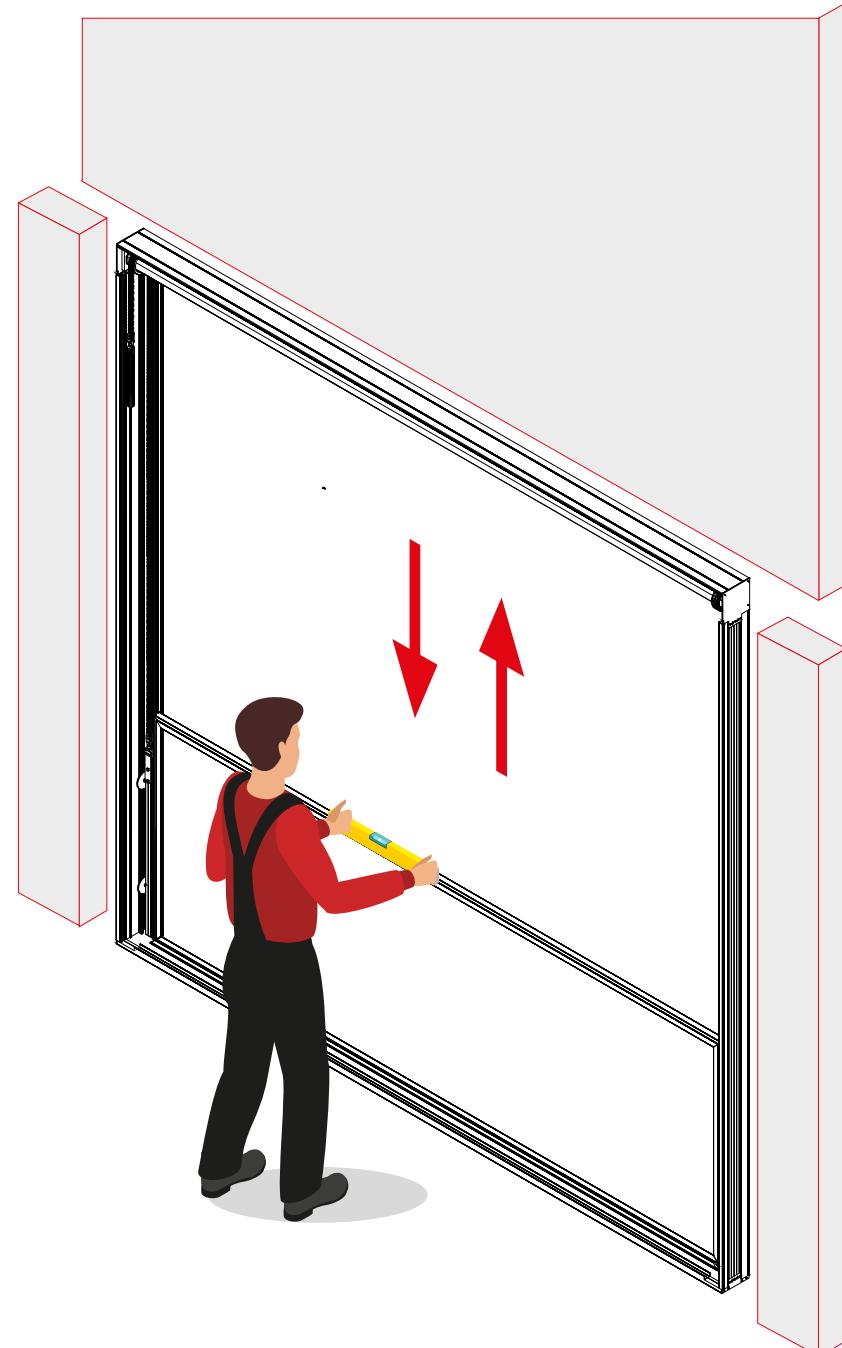
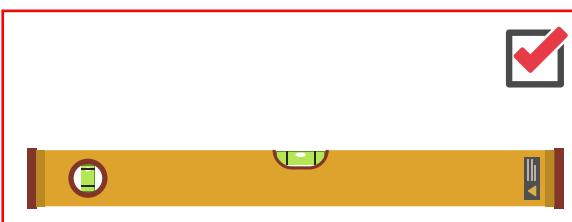


Before the next step you need to **test system engine** working only with the first (upper) glass with remote control. But don't forget to connect **motor cable** to the electrical source.

#### Manual Editing:

And you can edit your engine working system (up and down movement limits) manually. You can check using details of remote control from its own instructions paper.

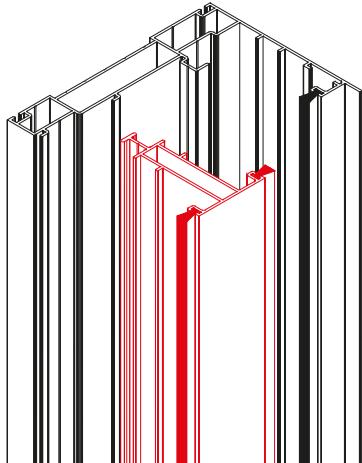
Check accuracy of the first glass with spirit level tool and if there is any slope change the connection level you did in **Step 3.1**



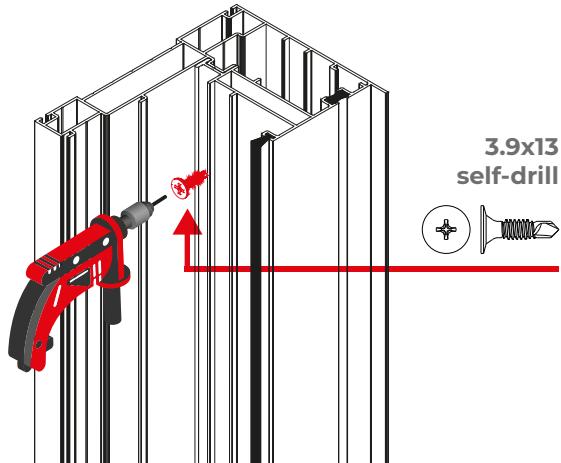
# STEP 3

On this step take Middle Profile of the side Beam Set numbered **AL22** and connect it with the Back Profile numbered **AL21**. After that make extra support from top, middle and bottom with the screws for making connection stronger.

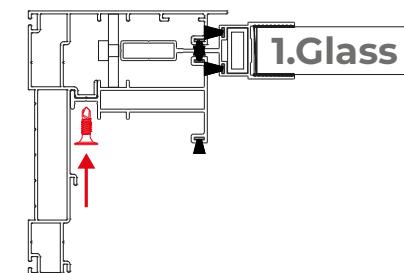
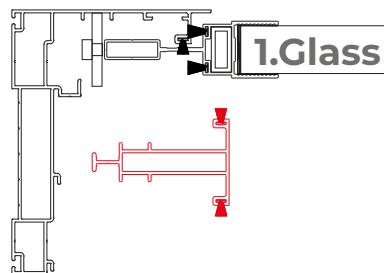
Step 3.2



Step 3.3

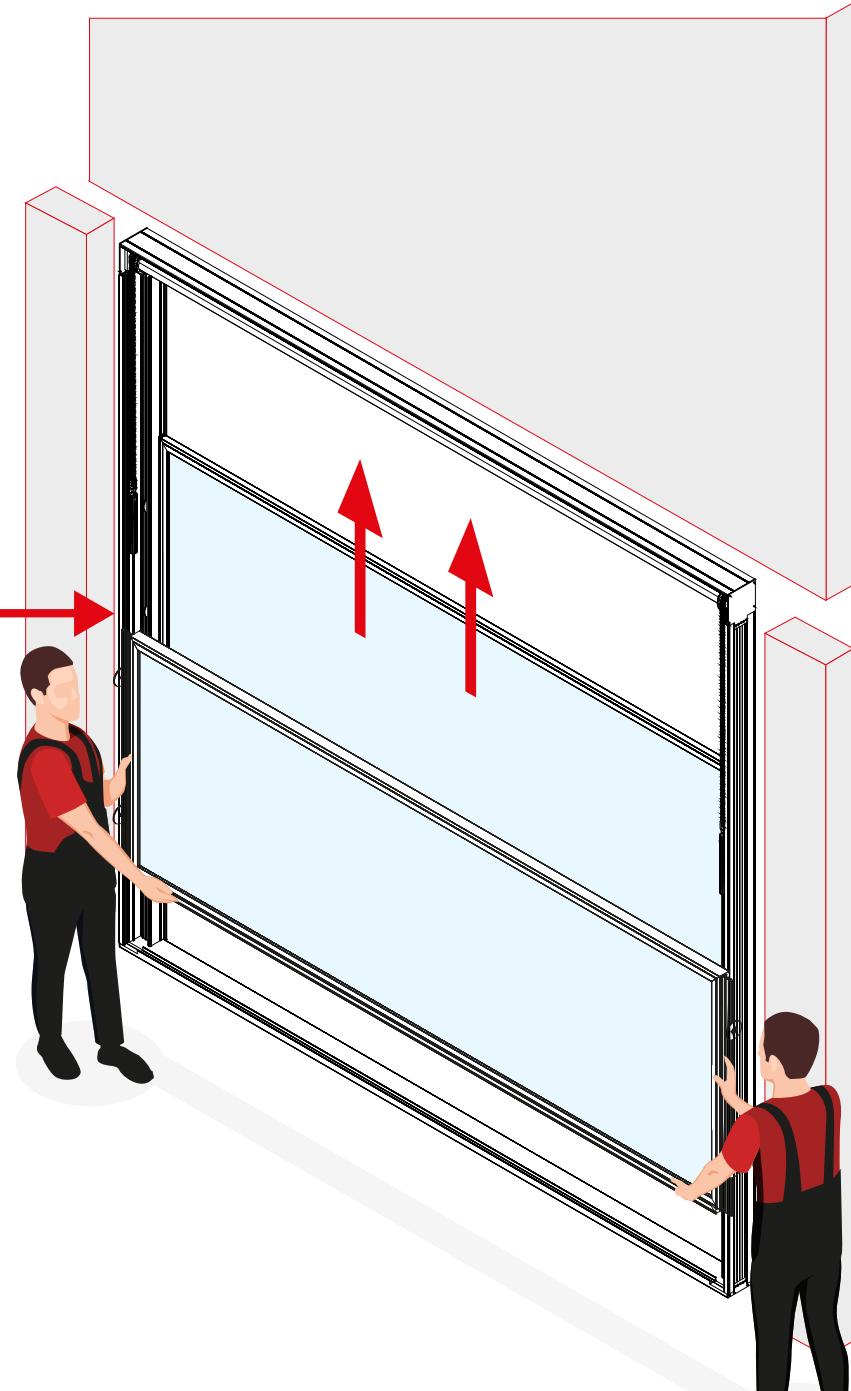
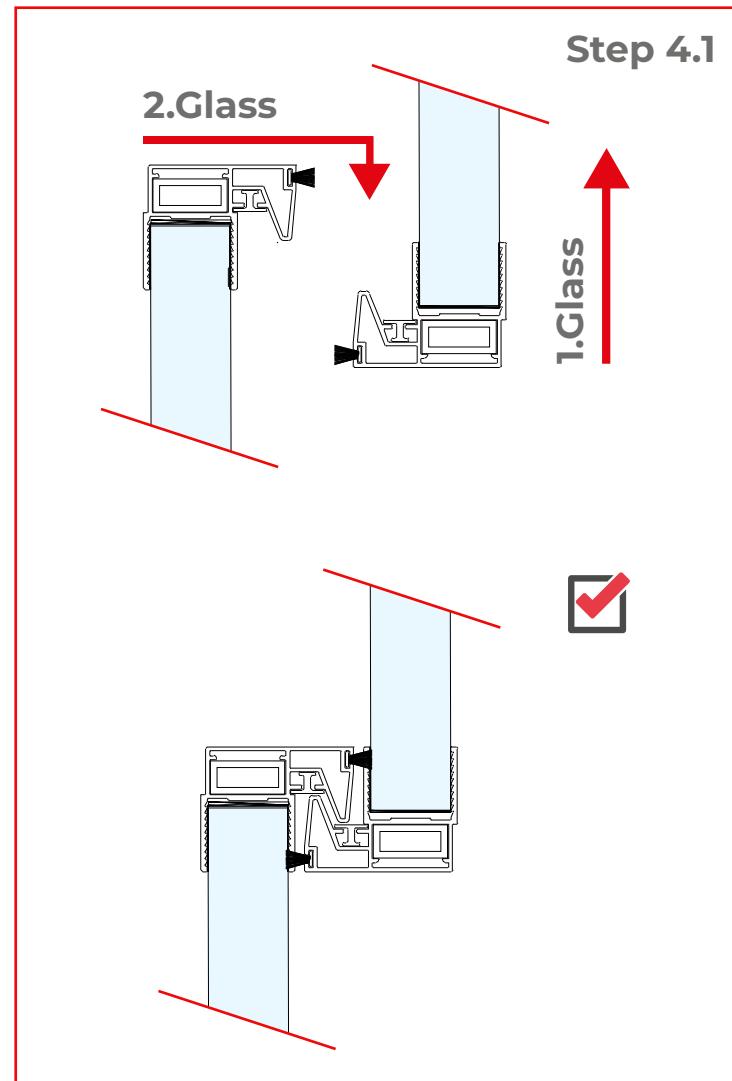


3.9x13  
self-drill

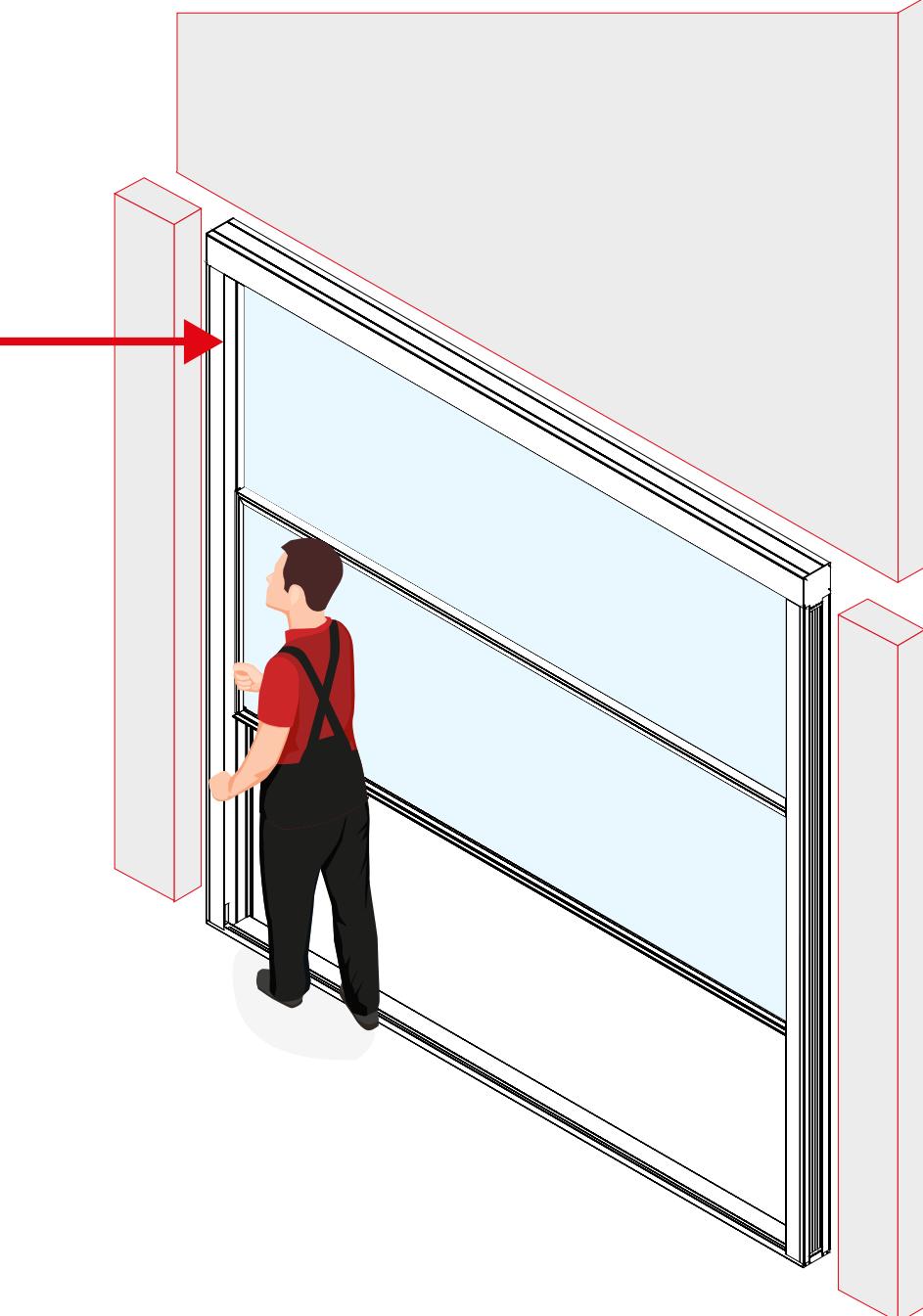
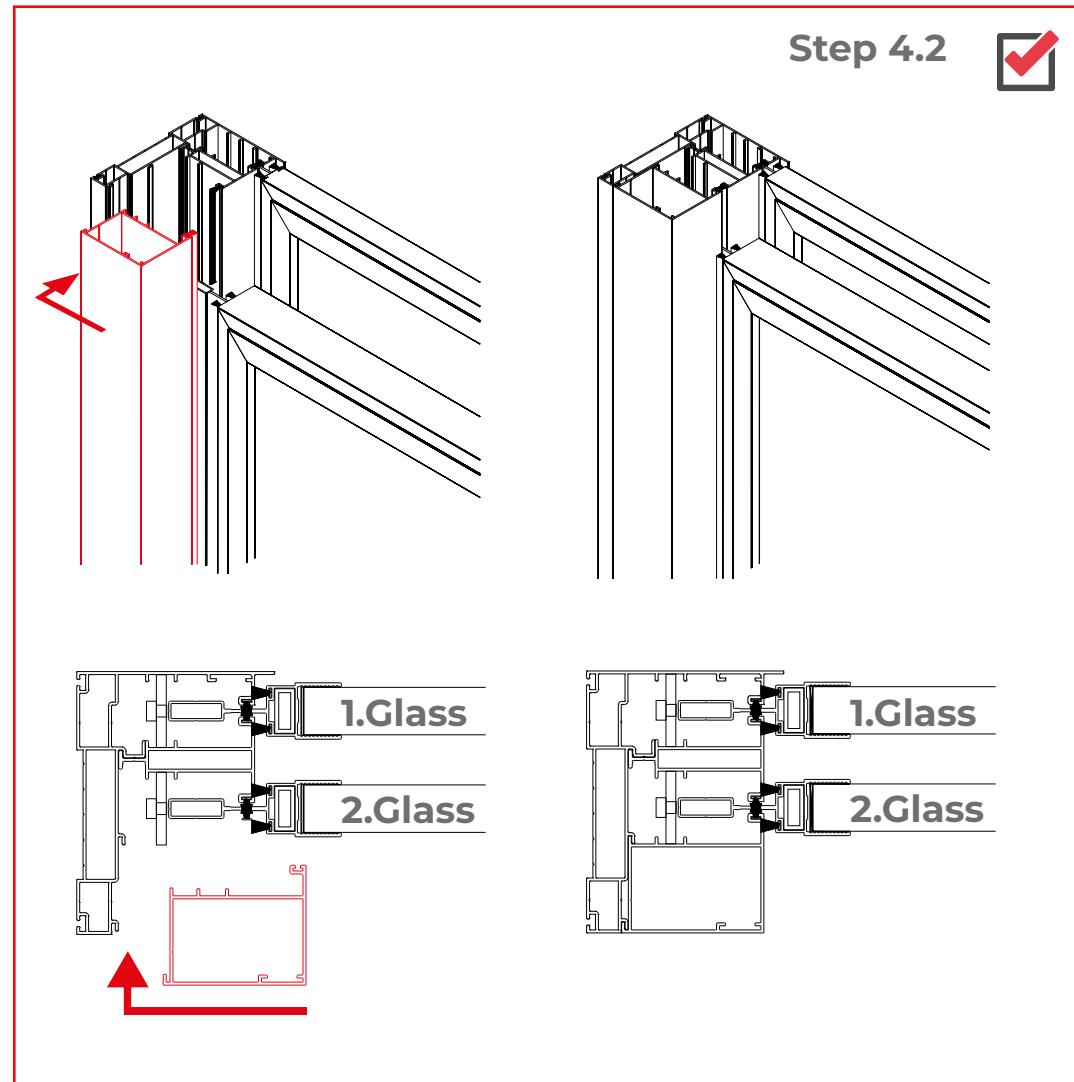


# STEP 4

Move first glass upper on its own rail way with the somfy remote control.  
Align the second glass (**AL52**) with the first glass (**AL51**) and clamp together as shown in the picture above.



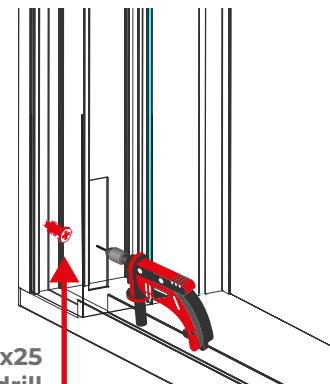
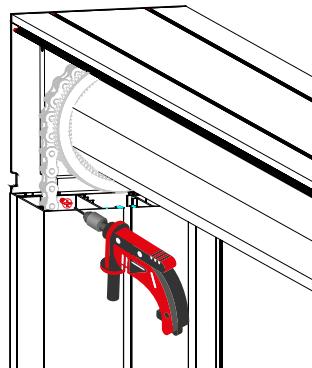
After the second glass is clamped, align and connect the last **AL23** numbered **Side Beam Cap** profile to the left and right sides of the frame as shown.



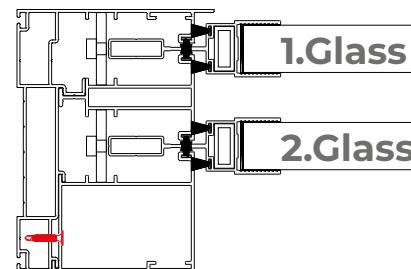
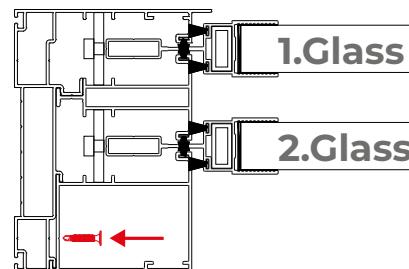
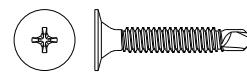
# STEP 4

On this step, we will install **AL23** profile.  
After connect this profile with others,  
make this connection string with connectors  
from Upside and Downside as shown.

## Step 4.3



3.9x25  
self-drill



1.Glass

1.Glass

2.Glass

2.Glass

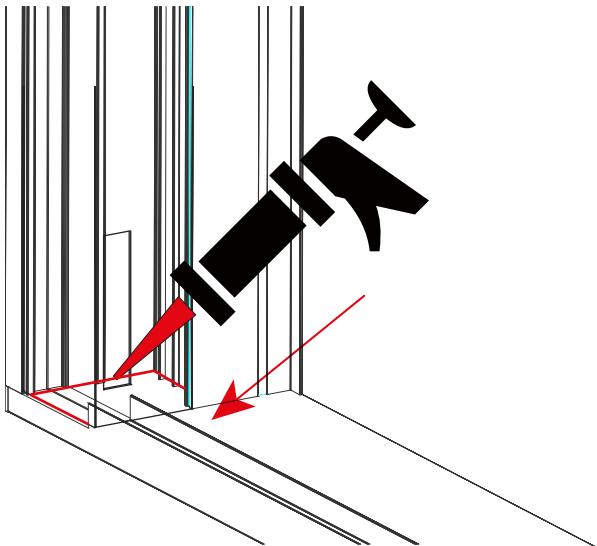


On the **AL 23** profile, you will see a small hole.  
Before installing 3rd Glass you can make silicone  
isolation from this hole to the inside of the frame pillars.  
This isolation is important for water sealing  
of the profile connection points.

## Step 4.5

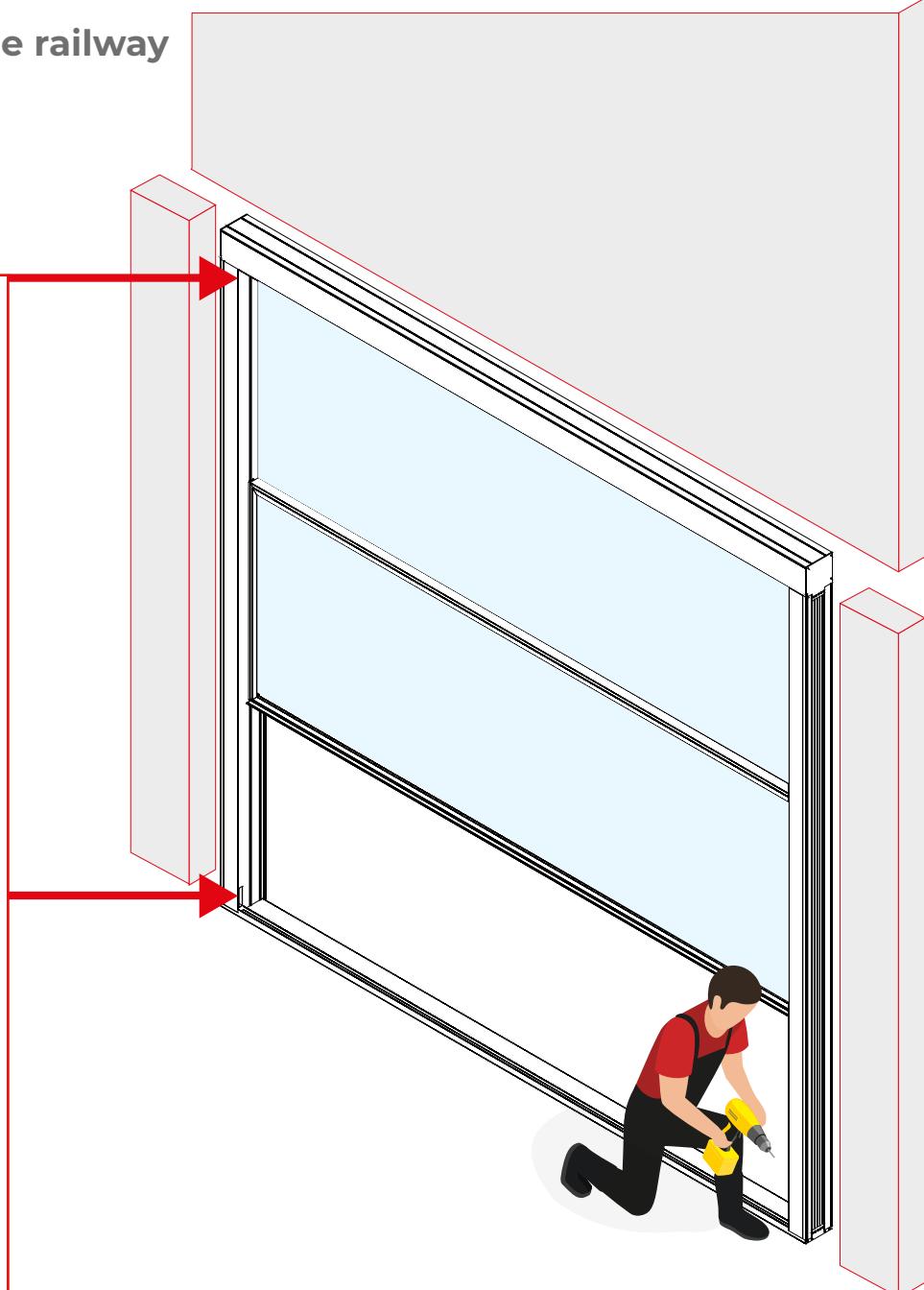
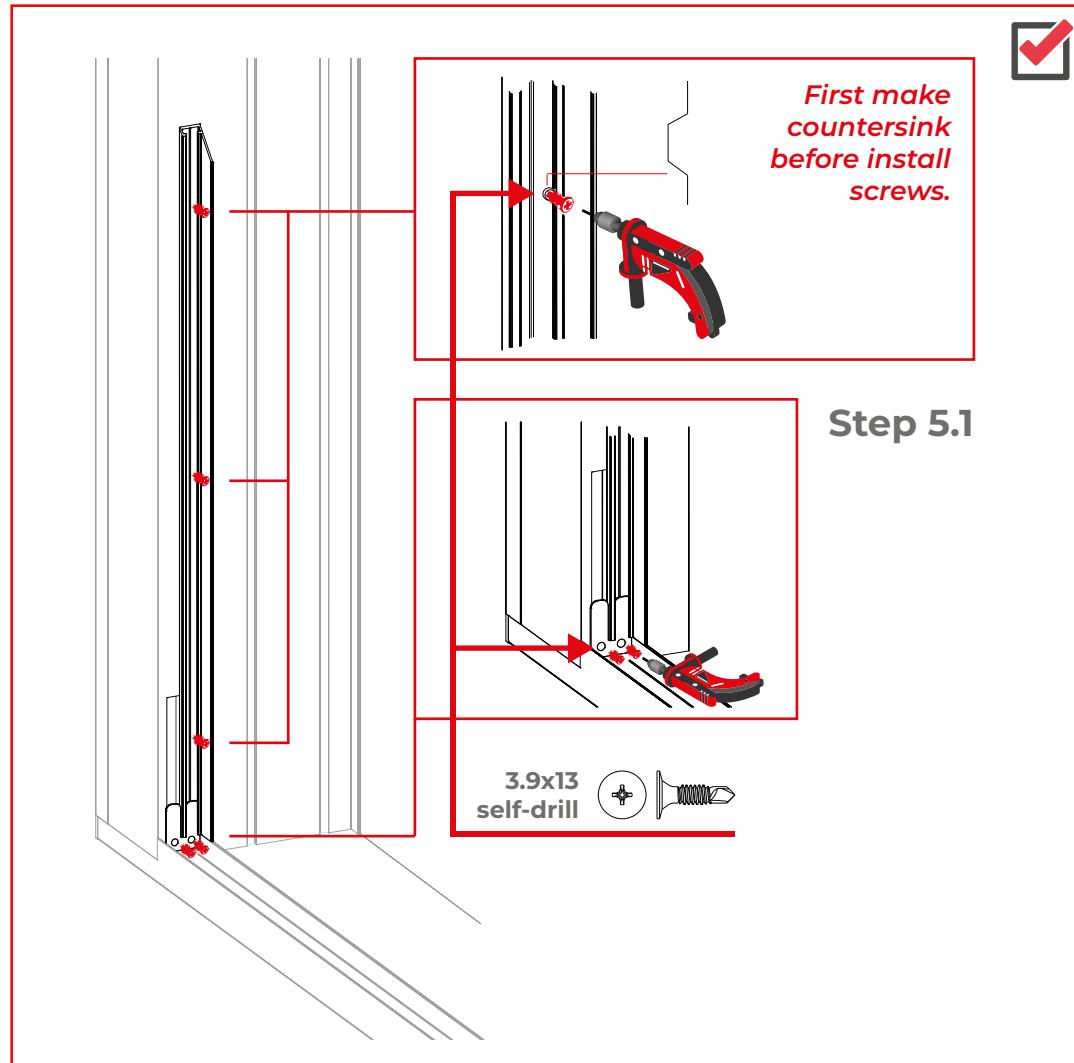


silicone  
sealant

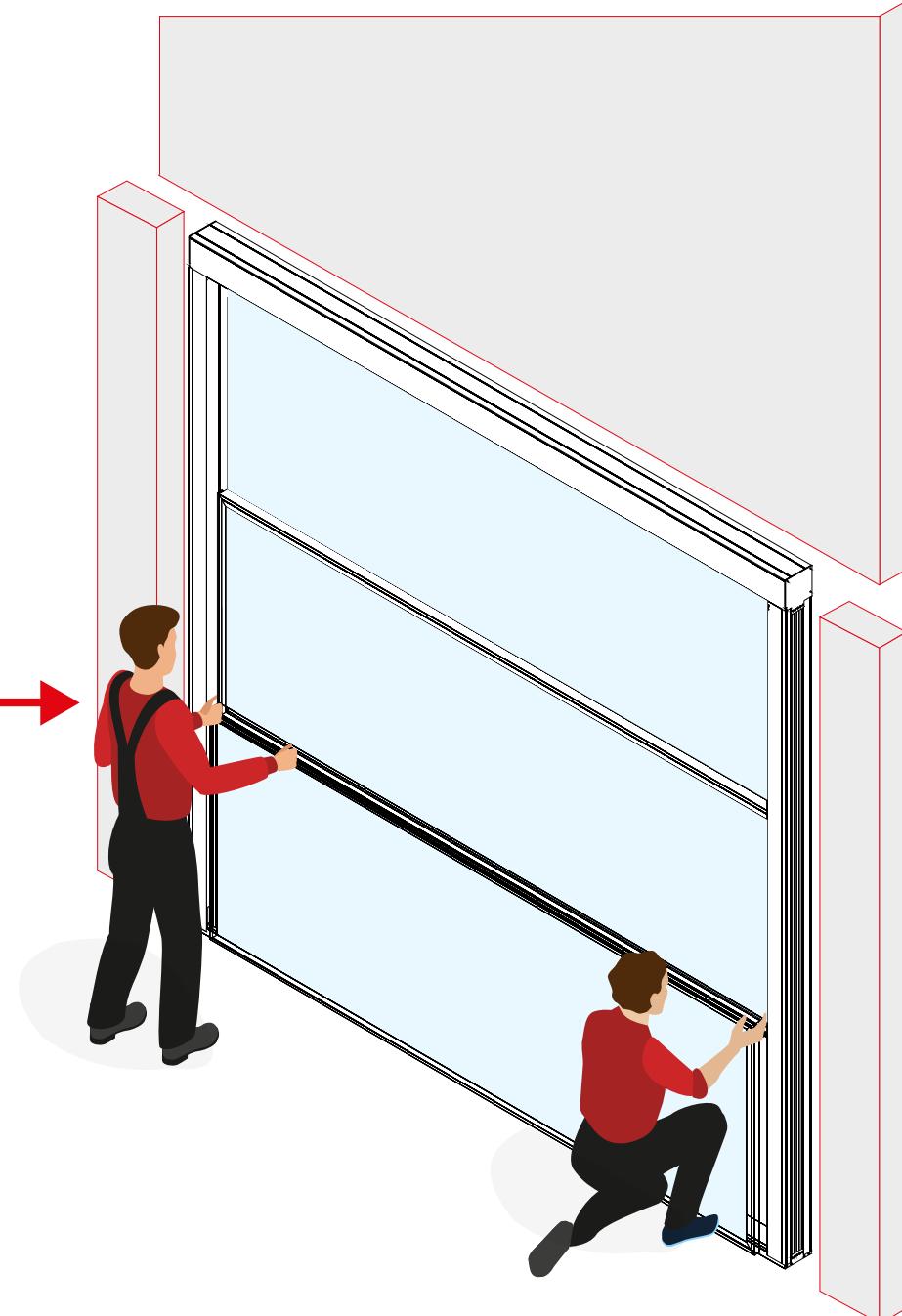
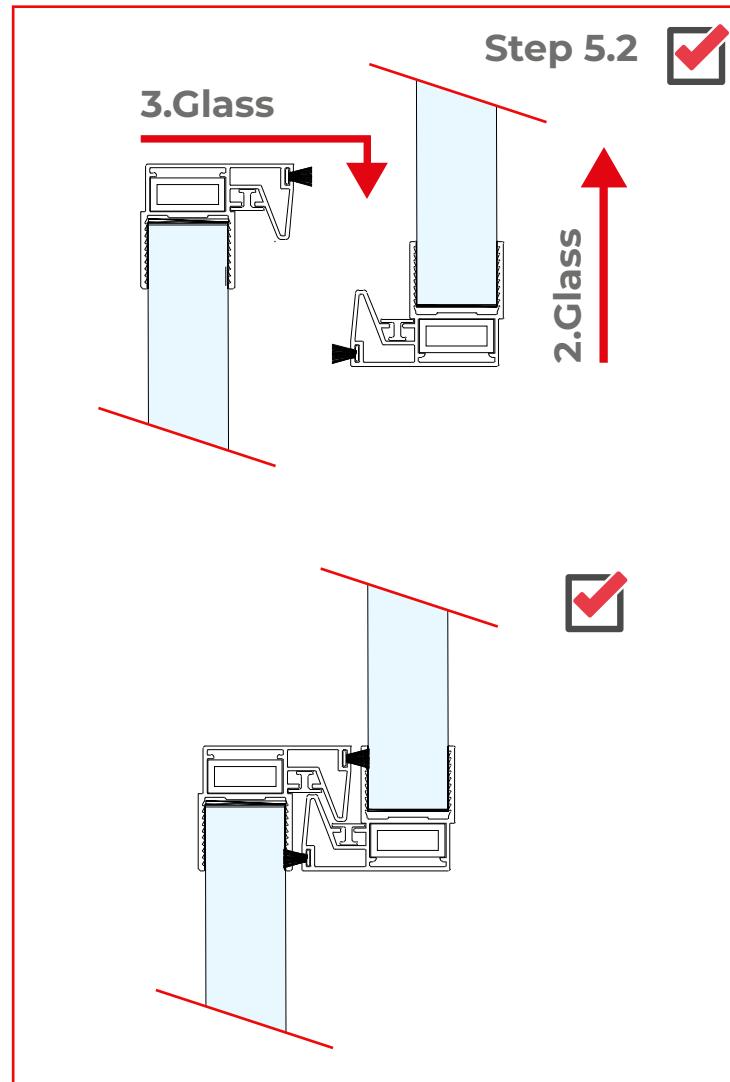


# STEP 5

For the **3rd Glass (AL43)** installation needs to install the railway for this glass. For this process first, connect **AL23** and **AL61+AL63** install this to the front side as shown. And connect with connectors, from up and bottom.

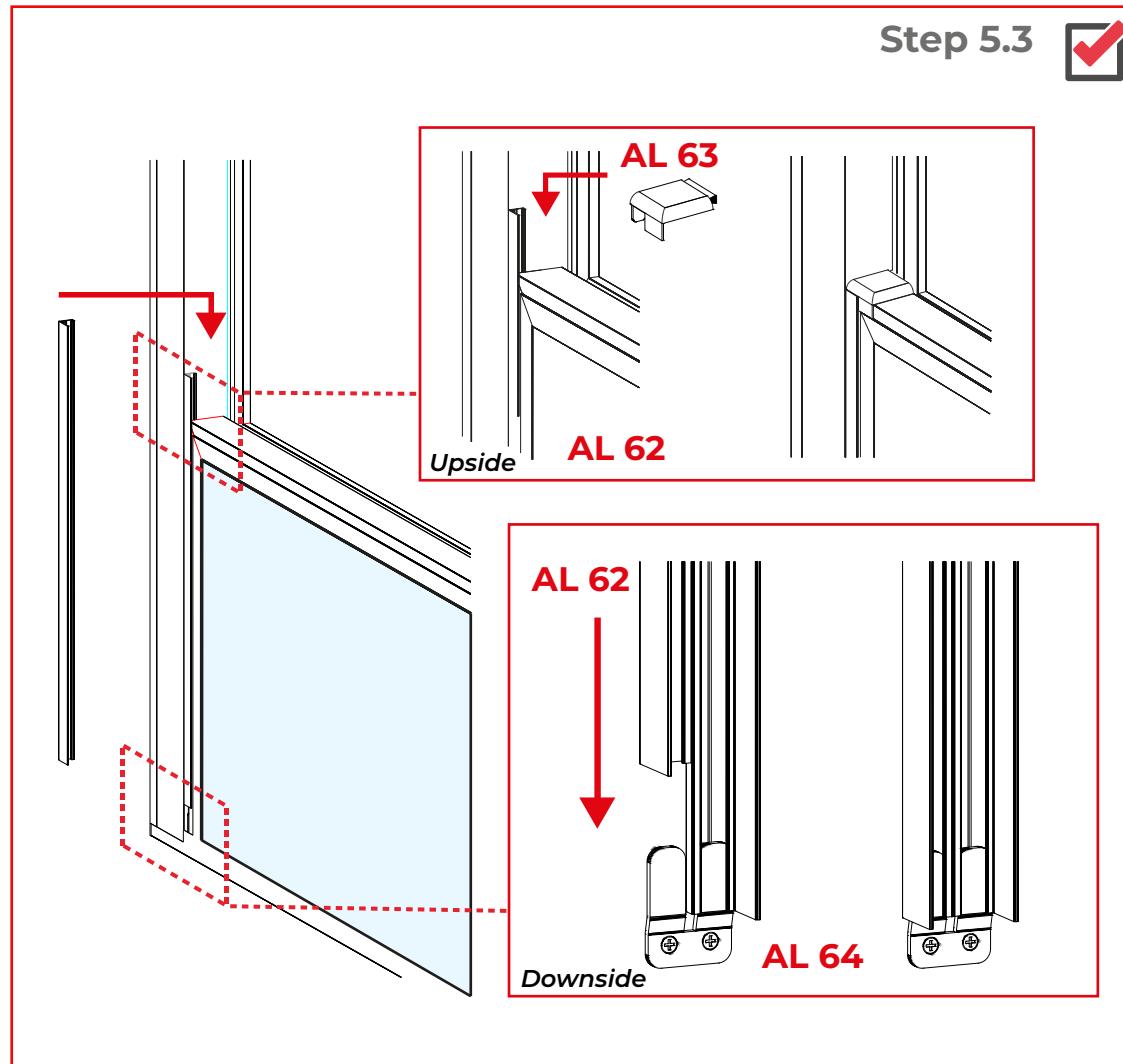


Move **Second glass (AL42)** upper on its own rail way with the somfy remote control as same as in step 1.2. Align the third glass with the second glass and clamp together as shown in the picture above.

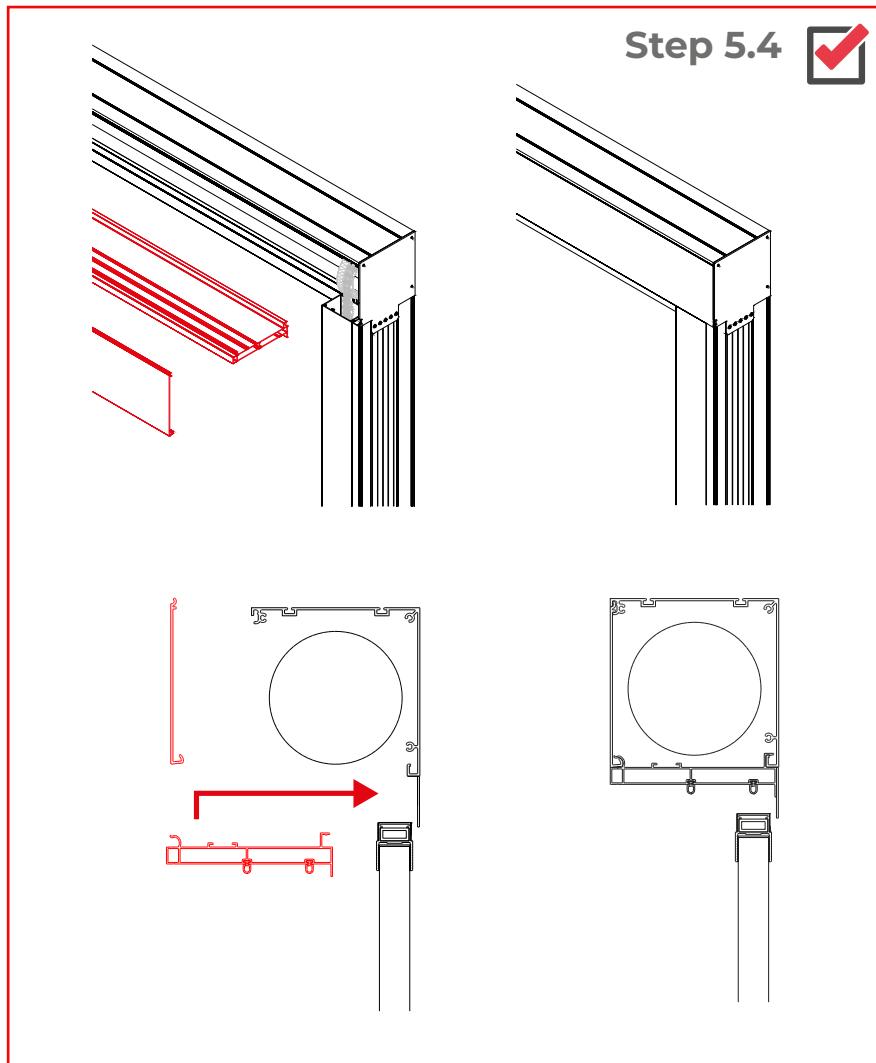


# STEP 5

After installing 3rd Glass add front railway part **AL62** and cap for the 3rd glass as shown.  
No need for any connectors for this step.

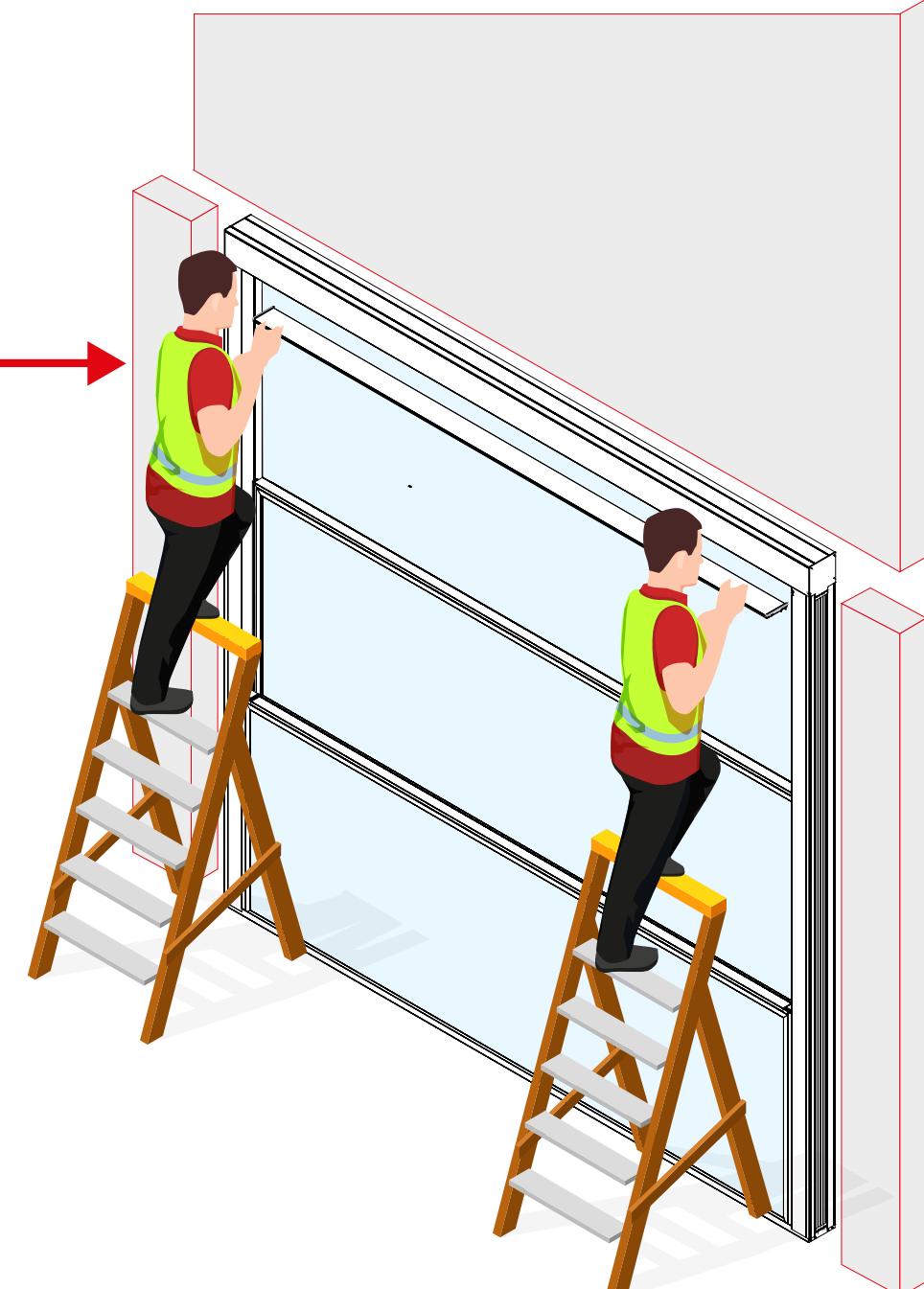
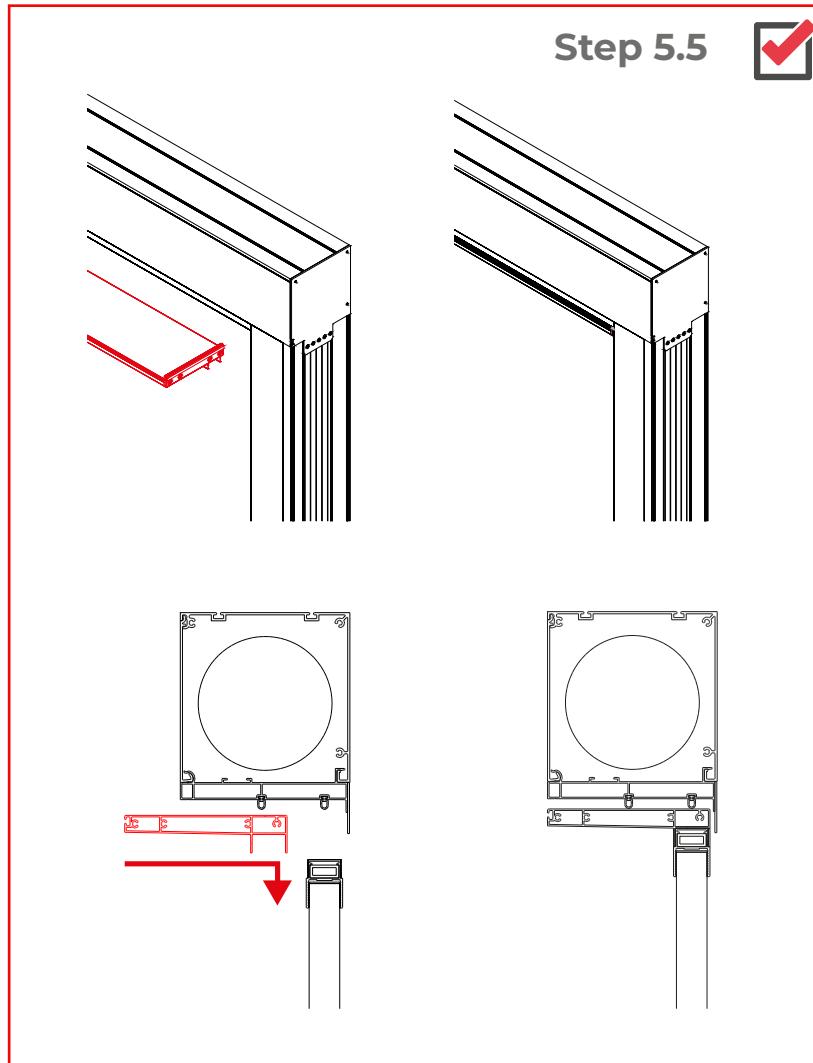


Reassemble the **AL11** and **AL13** covers, which we separated from the box profile in the first stage. At first **AL11** and then **AL13** are mounted as shown in the picture.

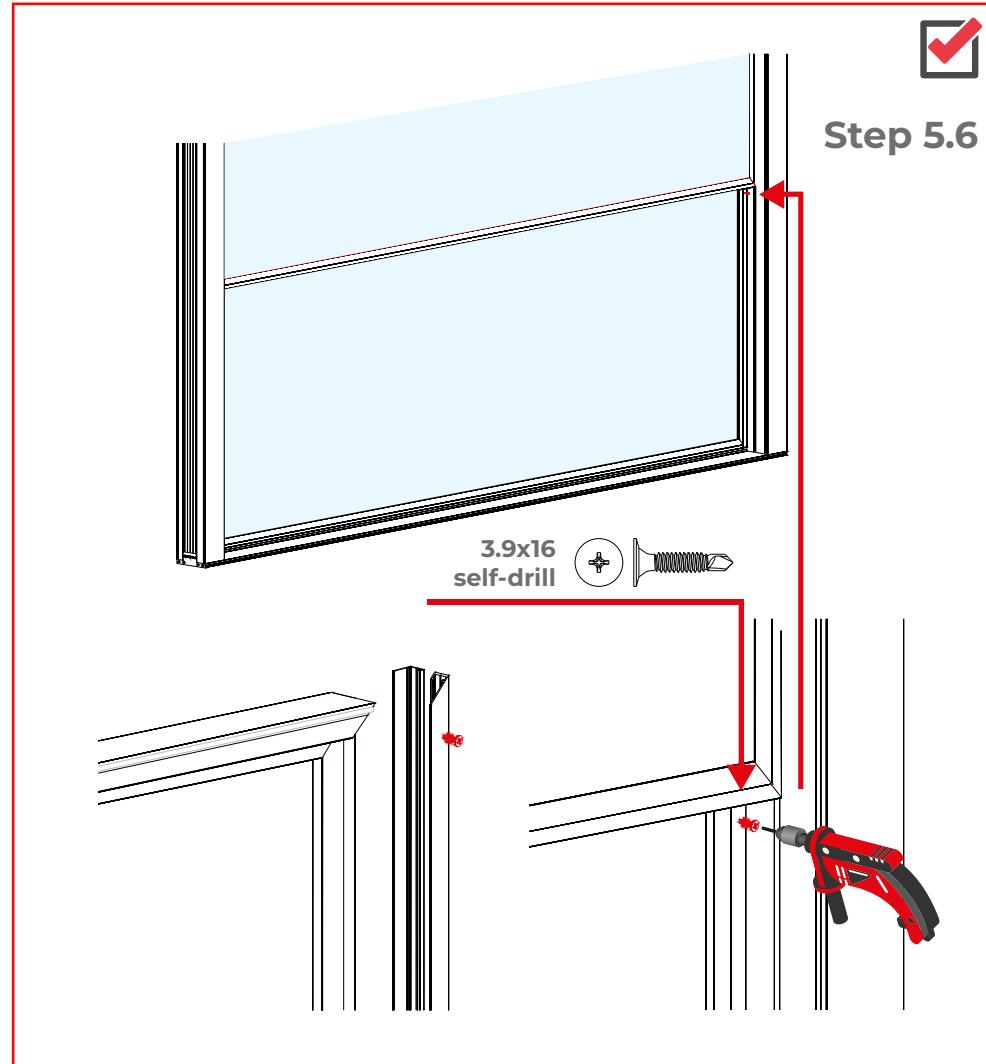


# STEP 5

After finalizing the box profile at least add top bulwark (AL31) profile on top glass (AL41). No need any connectors for this step.

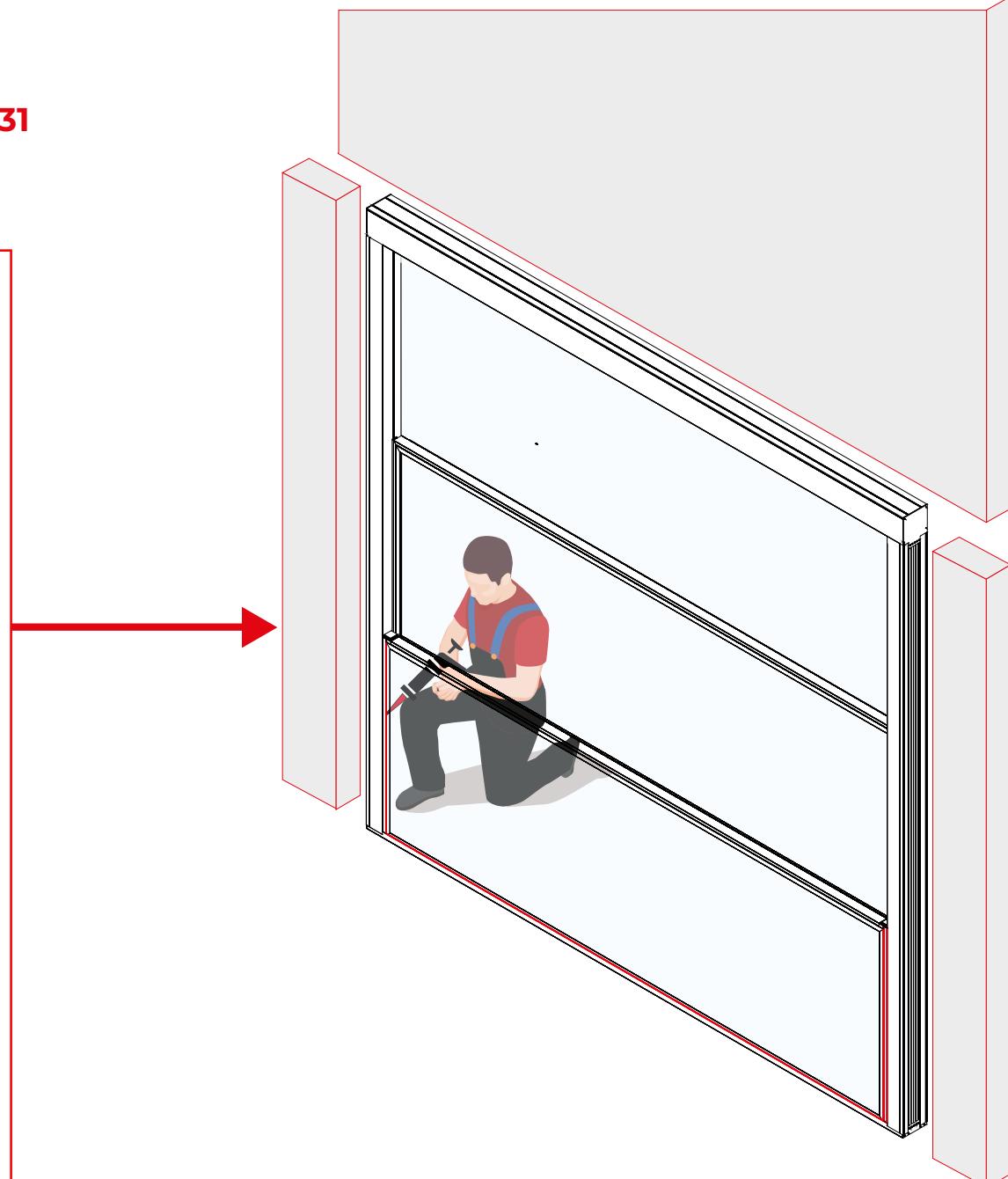
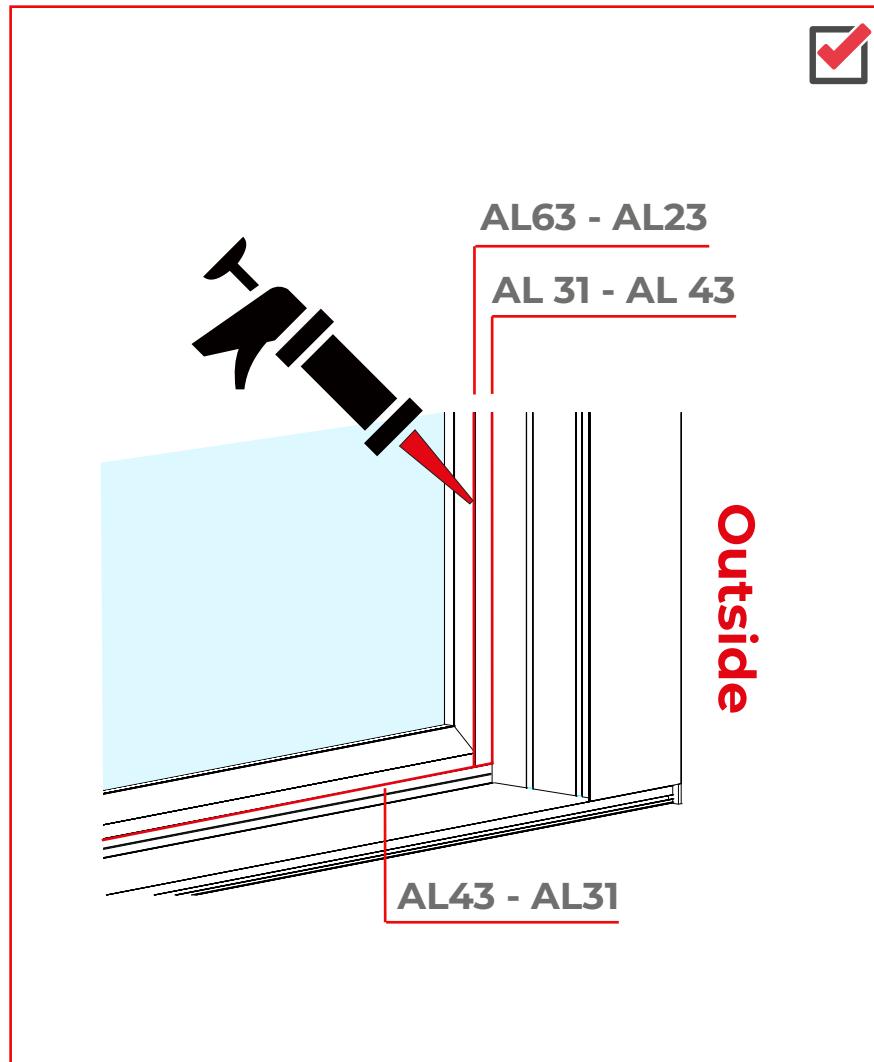


After finishing all the installation steps. Move 2nd and 3rd glasses till the end of the up level. and add min 1 and max **3 pieces YHB 3.9X16** screws on the **AL61** profile for making it's connecting with 3rd glass strong. **Do this process from outside of the system.**



# STEP 5

Make silicone sealant line between  
**AL63 - AL23, AL 31 - AL 43**  
profiles from sides and **AL43 (3rd glass) - AL31**  
from bottom. **Do this process from  
outside of the system.**



## IMPORTANT NOTES

For engine (motor) and lighting connection you need local **220W** electricity.

For instalation electricity parts and you can check **Electricity Diagram**.

For setting **Somfy Motor** limits from top and bottom you can check **Somfy Setting Guide** which one you can find inside **Remote Controller Box**.

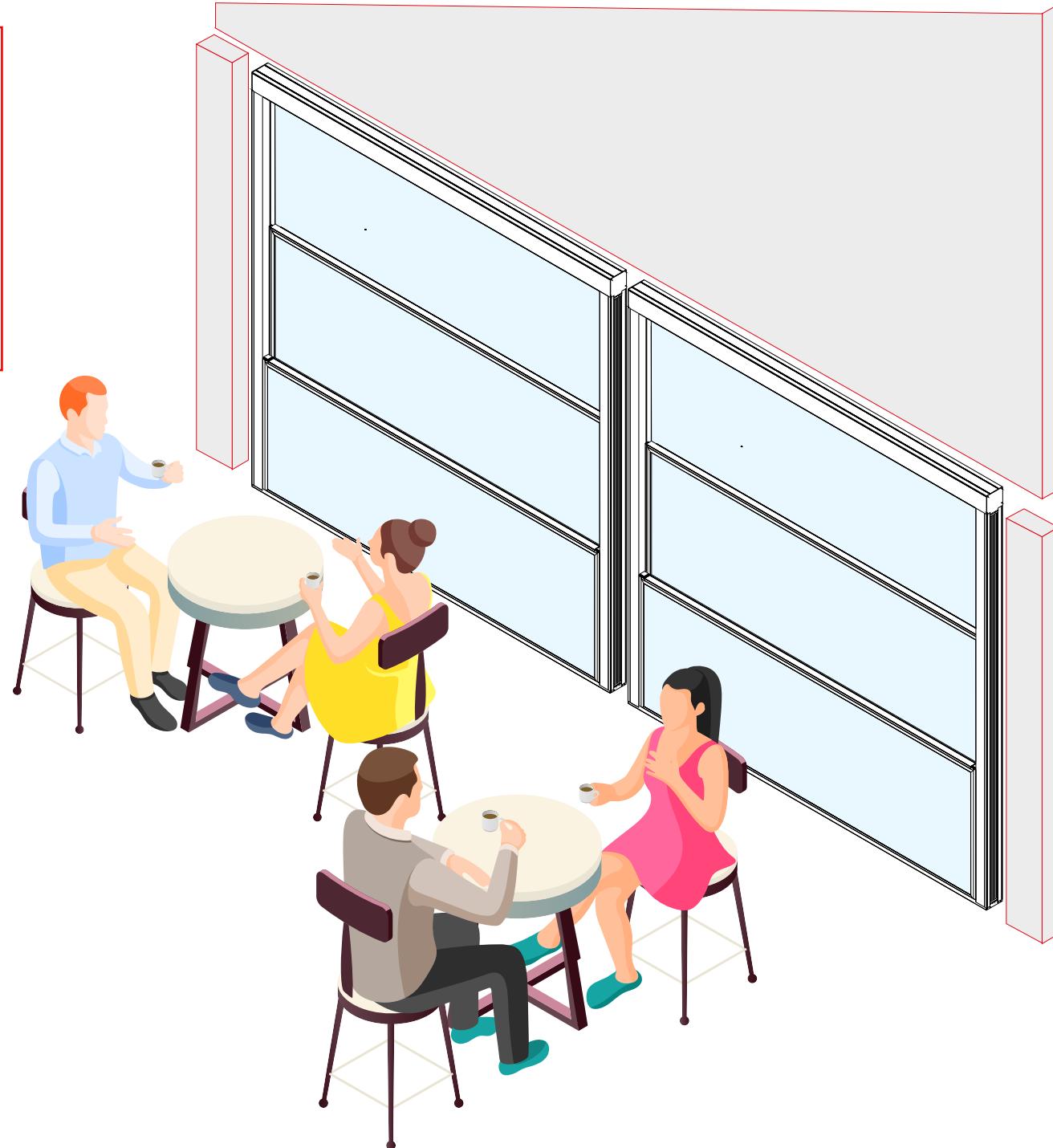
You can contact our **Support Team** in an unexpected situation.



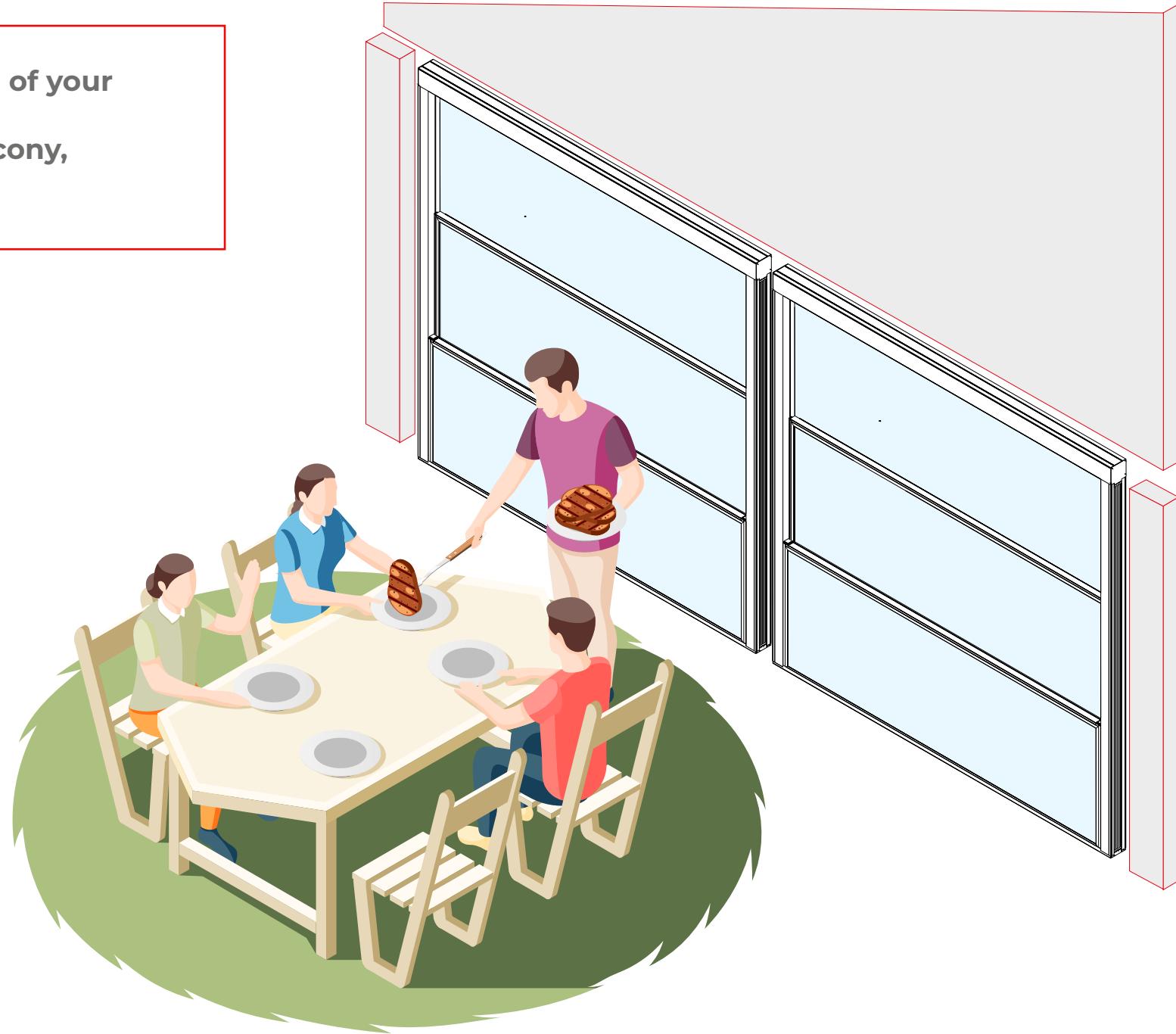
Your Verlass  
is ready to use!

You can use our verlass product:

1. For every type of your commercial projects, (shops, cafe, restaurants)



**2. And for every type of your housing project.  
(simple window, balcony, winter garden)**





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