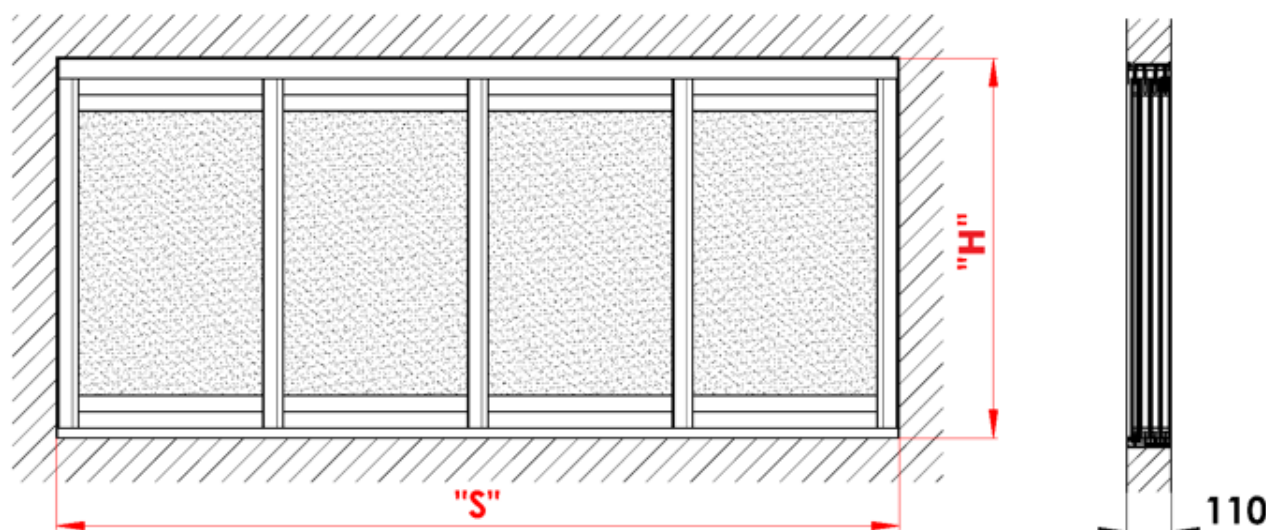


ARTOSI SLIDE PANELS

MEASURING THE MOUNTING OPENING



In case of the ARTOSI SLIDE PANELS systems, it is necessary to indicate the actual smallest measured width and height of the opening to which the systems are to be installed. The depth of the supporting structure frame should be at least 110 mm.

The substrate for the installation of the slide panel system should be flat, sufficiently load-bearing, compact and crack-free. If the system is to be installed to existing metallic or wooden structures, the structures must be free of any signs of damage to the supporting and anchoring elements and free of any horizontal and vertical deflection.

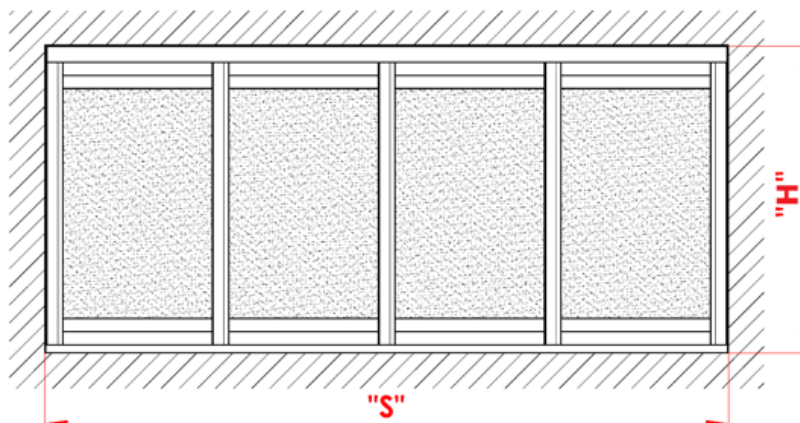
Standard dimensions

	Width S (mm)		Height H (mm)	
	min.	max.	min.	max.
Opening to be filled	1000	7000	550	2700
Individual panel	500	1250	550	2700

For detailed information about available dimensions, see Technical Specification

Taking measurements in a free opening for the sliding system

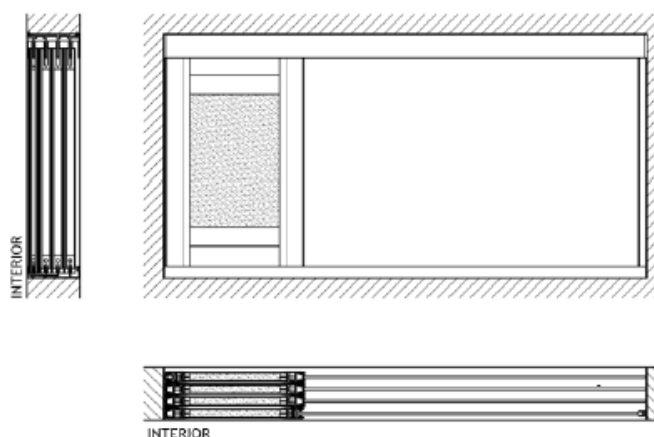
Measure both the width and height as the actual size of the openings, in several points. It is always necessary to take into account the rectangularity and flatness of the opening measured. The ordering dimensions are always the smallest values measured.



Features and characteristics of the ARTOSI SLIDE PANELS system to be considered when taking measurements and installing the system:

The substrate for the installation of the glazing system should be flat, sufficiently load-bearing, compact and crack-free.

The weight of one panel may be up to 50 kg. Pay increased attention to situations when all the panels are moved to one side. This weight must be taken into account when selecting the anchoring method and assessing the bearing capacity of the substrate.



Pay attention to the supporting structure to which the upper rail of the system is attached. In case of deflection of the structure, the upper rail is likely to come into contact with the panels, causing the transfer of loading from the supporting structure to the panels. This loading will prevent the panels from moving, or even cause irreversible damage to the panels. This situation is likely to occur in case of installation into a pergola with subsequent excessive loading of the pergola roof by snow.

The ARTOSI SLIDE PANELS system is a light-weight sliding system which is considered a shading element and does not replace doors and door structures in building openings. Depending on the selected filling, the system serves as a shading element.

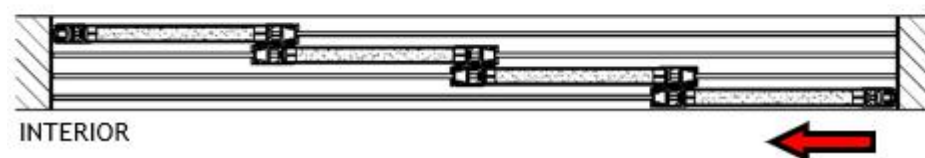
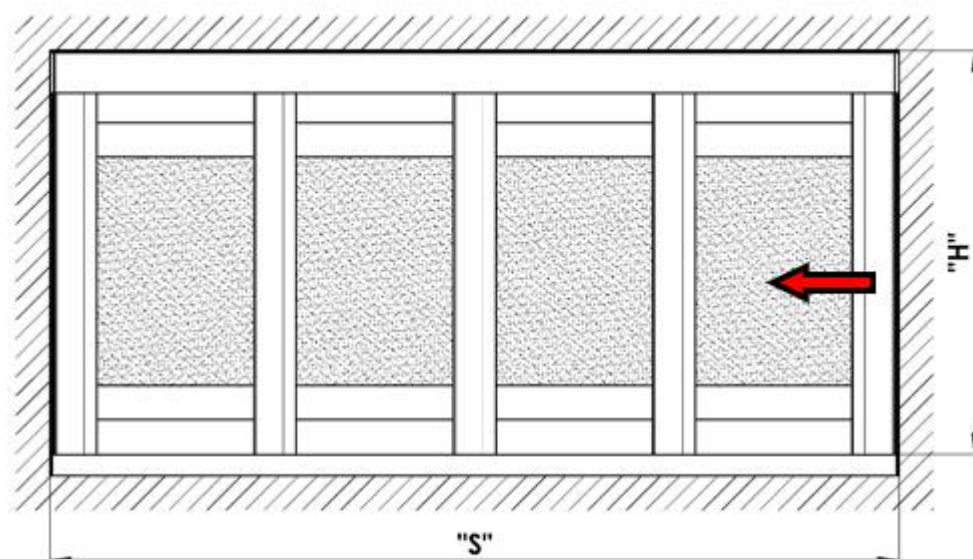
The sliding system does not ensure 100 % water-, snow-, and wind-tightness.

Wind is likely to cause vibration and deflection of the panels. Vibration may be both audible and visible. Panel deflection is reversible and does not affect functionality of the system.

Minimum and maximum dimensions

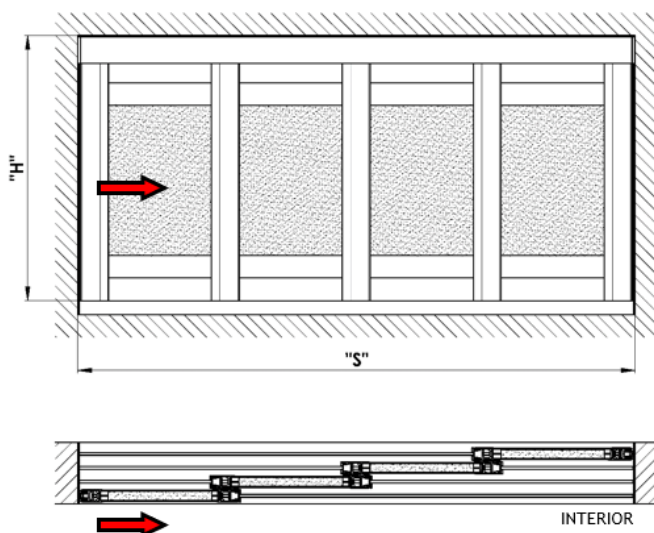
Panel layout: folding to the left

Opening size	Width S [mm]		Height H [mm]	
	min.	max.	min.	max.
2 panels (2-L)	1000	2500	550	2700
3 panels (3-L)	1500	3750	550	2700
4 panels (4-L)	2000	5000	550	2700



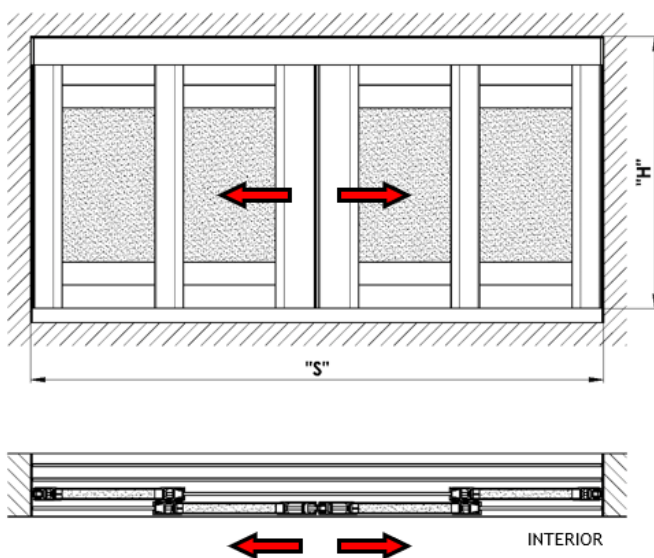
Panel layout: folding to the right

Opening size	Width S [mm]		Height H [mm]	
	min.	max.	min.	max.
2 panels (2-P)	1000	2500	550	2700
3 panels (3-P)	1500	3750	550	2700
4 panels (4-P)	2000	5000	550	2700



Panel layout: folding to the left and right (curtain)

Opening size	Width S [mm]		Height H [mm]	
	min.	max.	min.	max.
4 panels (2+2-LP)	2000	5000	550	2700
6 panels (3+3-LP)	3000	7000	550	2700
8 panels (4+4-LP)	4000	7000	550	2700



Installation

Check the dimensions and completeness of the delivery before starting the installation.

Note: anchoring material is not part of the delivery.

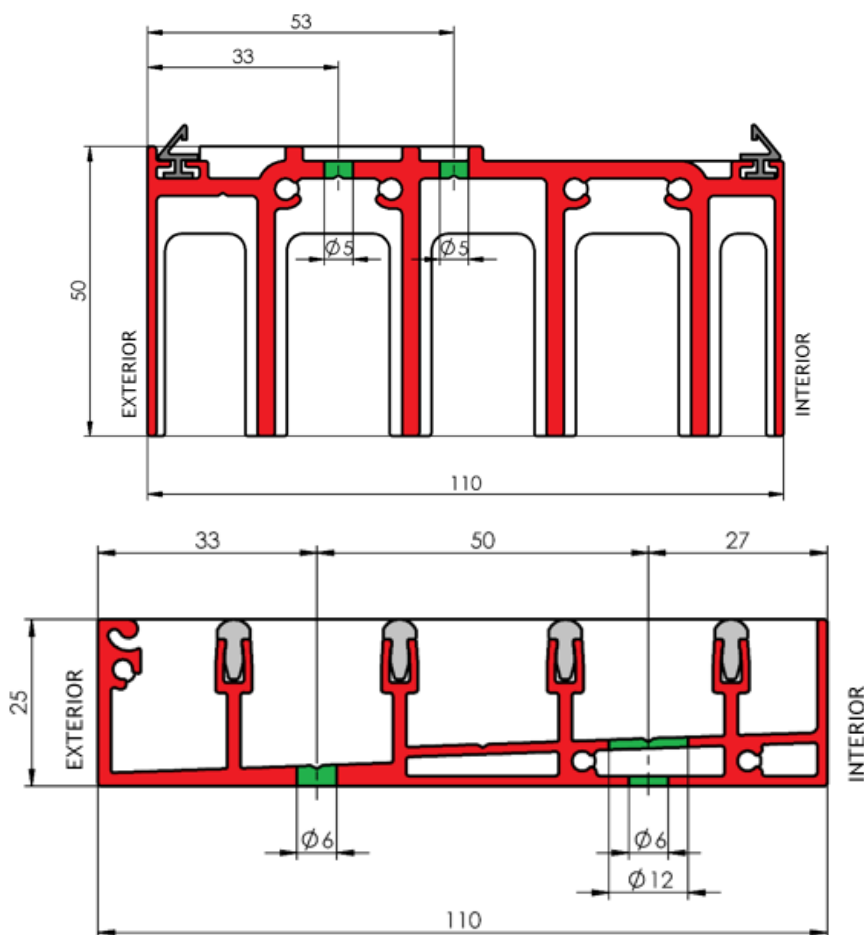
The substrate for the installation of the sliding system should be flat, sufficiently load-bearing, compact and crack-free.

If the system is to be installed to existing metallic or wooden structures, the structures must be free of any signs of damage to the supporting and anchoring elements and free of any horizontal and vertical deflection.

1. Installing the upper and lower profiles

Use all pre-drilled openings in both profiles to attach them. Place the lower guide rail so that the drains face the exterior. Attach using suitable anchoring material, selected according to the substrate. In case of uneven substrate, use plastic pads (part of delivery).

Any gaps between the supporting structure and guide rails must be filled with a suitable filler. In case of the lower rail, we recommend filling gaps exceeding 6 mm by low-expansion foam and then finish the edges by a suitable filler or aluminium L-section.



2. Installing the panels

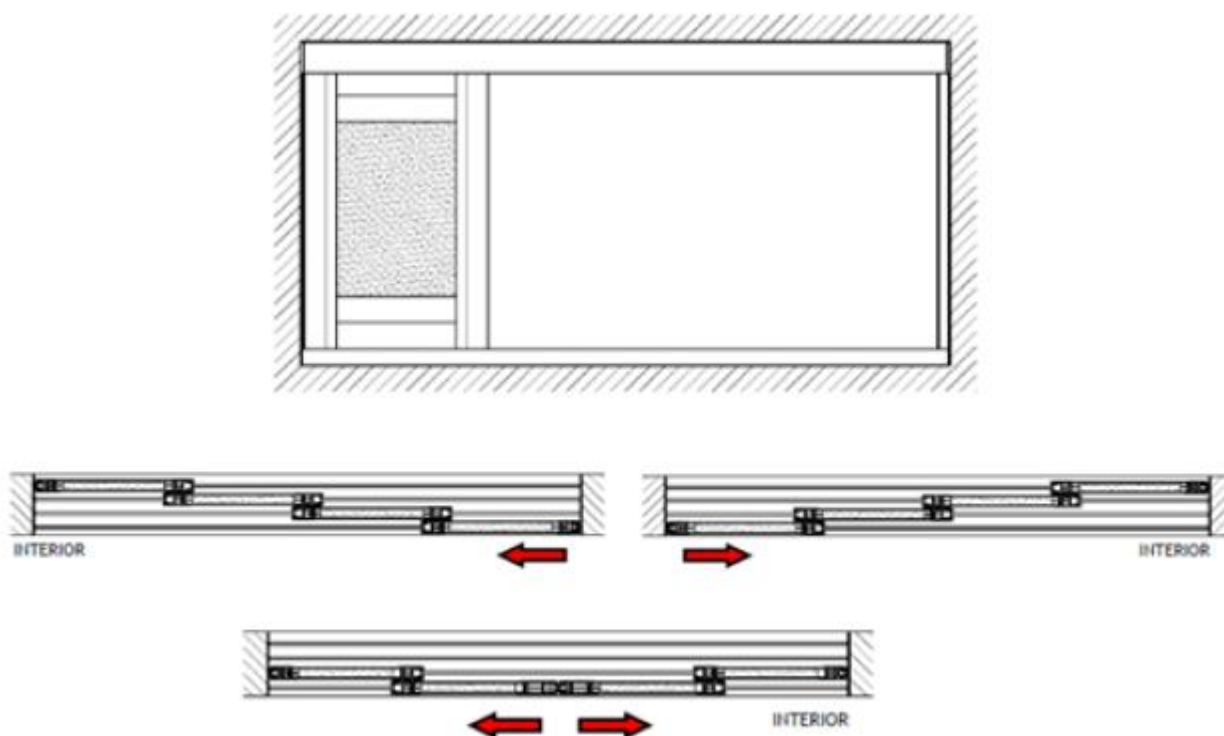
Proceed with utmost caution when removing the panels from the transport pallet.

It is necessary to take into account the size, but primarily weight of the panels.

Sliding panels are arranged and marked in an ascending order to facilitate installation in the guide rails.

First, slide the upper part in the rail groove and then lower it to the lower supporting rail. This procedure applies to all the panels in succession according to their marking.

It is necessary to observe the panel sequence according to the purchase order to attain the required direction.

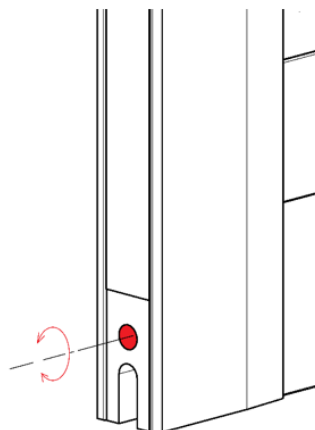


3. Adjusting the panels

Each panel is equipped with adjustable guide wheels on both sides.

To adjust them, use size 4 Allen key. The opening for inserting the key is located in the lower part of the panel side. By rotating the key to either side, adjust the verticality of the panels, so that they are visually aligned one after another.

This way, alignment of the individual wings will be attained.

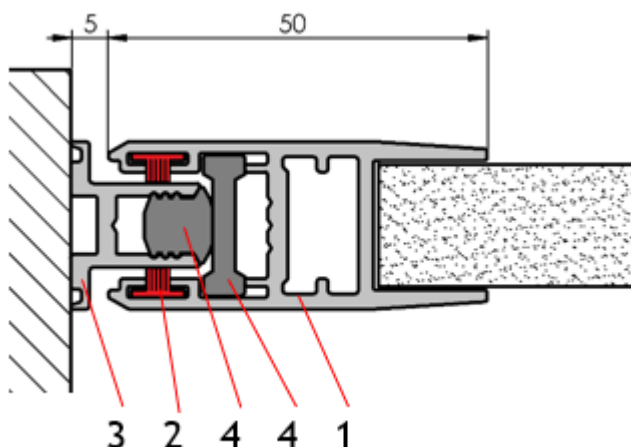


4. Installing the vertical finishing profiles

Fitting the finishing profile to the vertical groove of the first and last panels will determine the vertical installation axis for the installation of these profiles.

After pushing to the packing piece, mark the vertical axis to the packing piece and then attach the profiles by suitable fasteners. Compensate any vertical unevenness by plastic pads supplied. Remove excess material of the pads.

Gaps between the structure and vertical finishing profiles may be finished by a suitable filler or aluminium L-section.



5. Assembly - handle, lock and locking mechanism

The handle, lock and locking are pre-assembled as standard from the factory. The exception is the **CURTAIN** version, in which the handle must be mounted on one of the panels when assembling the product.

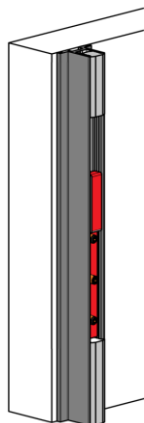
In the **CURTAIN** version, one central panel is delivered with a pre-assembled handle, or with a handle and lock. The handle for the opposite panel is supplied separately as a package. Included in the package is a disposable assembly template, which is used for precise positioning and pre-drilling of holes for the handle.

Based on the customer's request, the handle can also be supplied as a package for other designs. This requirement must be specified in the order note. **The lock is always delivered pre-assembled on the panel.**

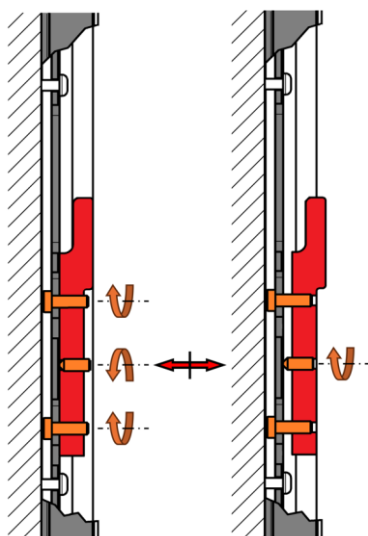
Adjustment options

5.1. LOCK COUNTER-PIECE / LOCKING

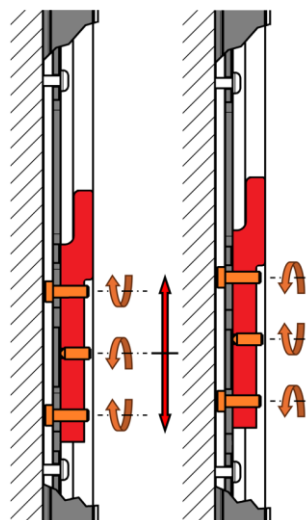
The counter-piece of the lock or locking allows adjustment in the horizontal and vertical direction.



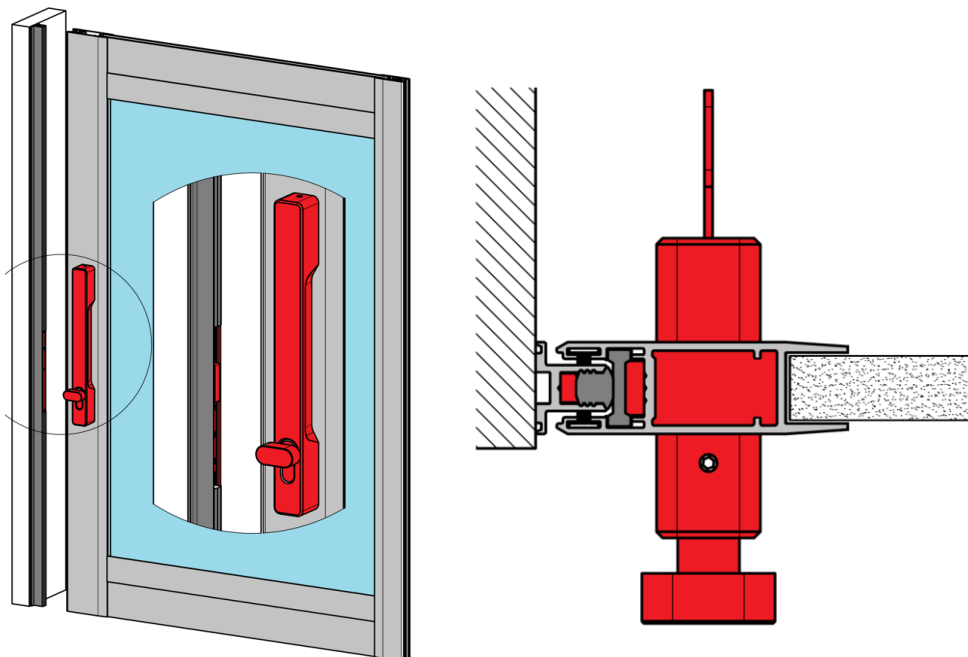
Adjusting the position of the counter-piece in the horizontal direction = adjusting width



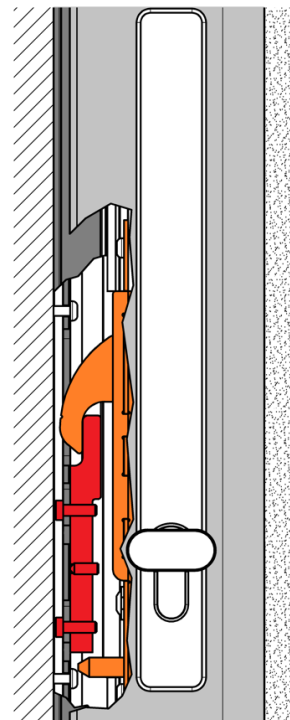
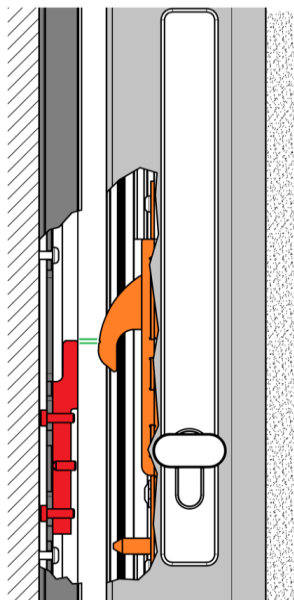
Adjusting the position of the counter-piece in the vertical direction = adjusting height



5.2. LOCK / HANDLE

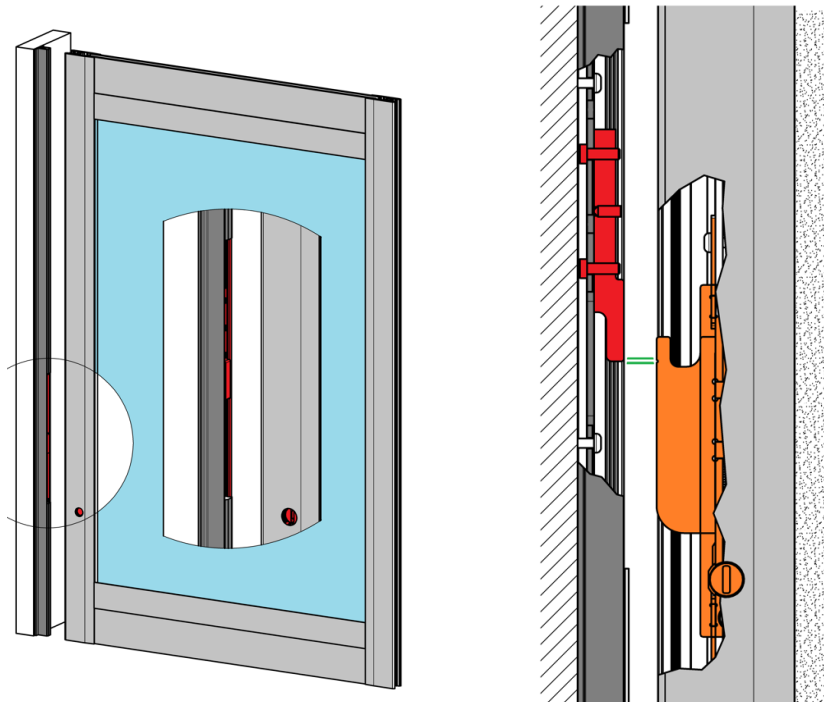


1. Move the panel with handle and lock up to the stop bar.
2. Turn the lock to the locked position. A hook comes out of the lock.
3. Set the counter-piece of the lock according to the procedure given in point 1. Lock counter-piece / locking to the same height as the groove on the hook, see the picture.

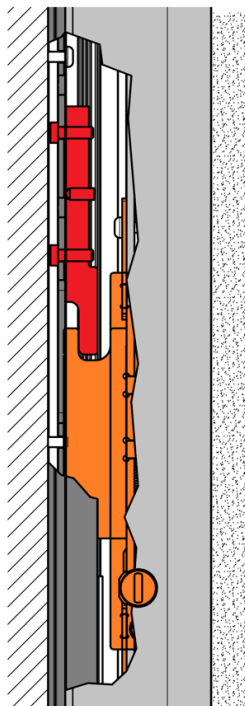


4. After correct adjustment, the panel can be locked and unlocked.

5.3. LOCKING MECHANISM



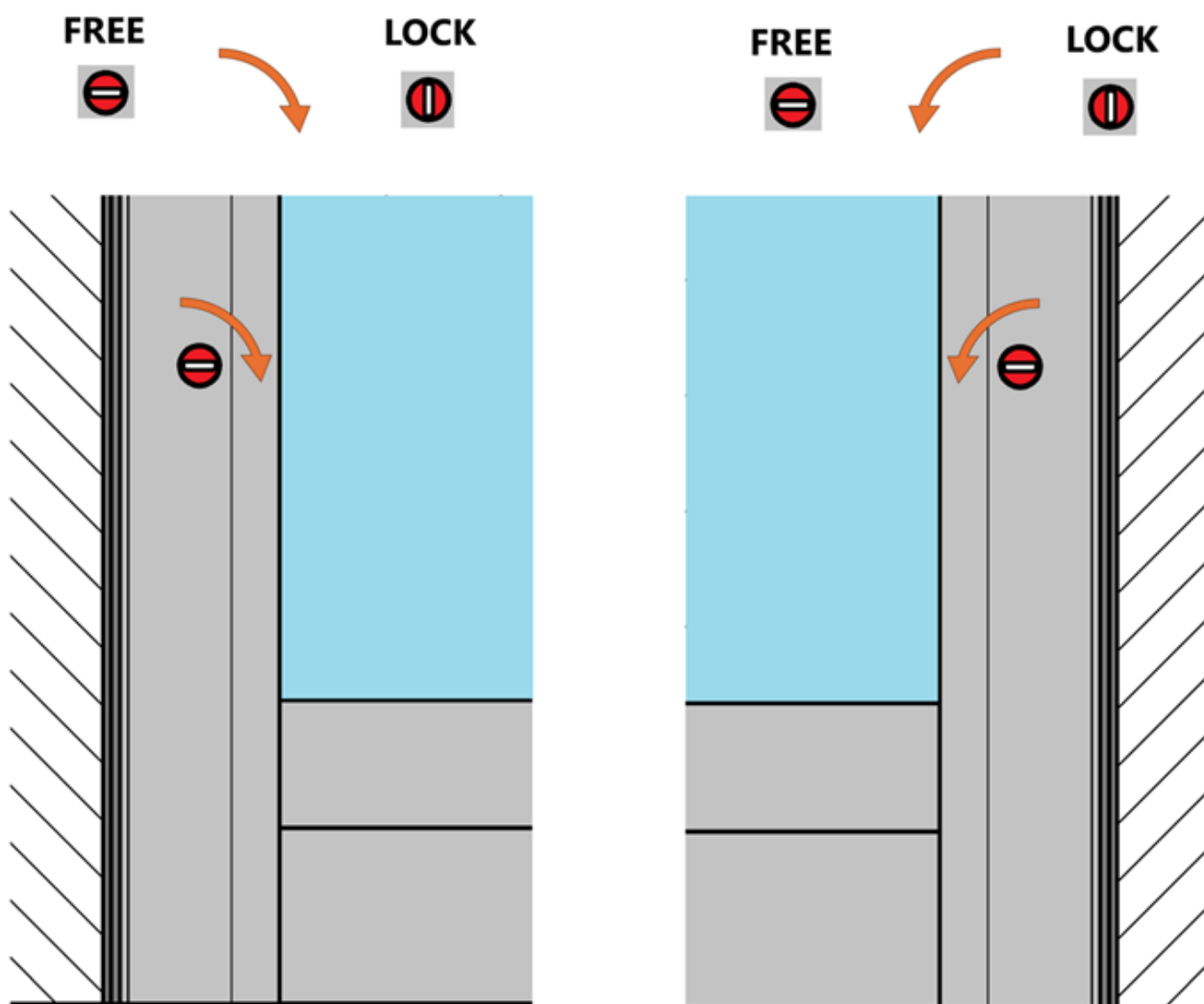
1. Move the panel with the locking up to the stop bar.
2. Lock into position.
3. Adjust the locking counter-piece and adjust its position according to the procedure mentioned in point 1. *Lock counter-piece / locking* to the same height as the groove on the hook, see picture.
4. After the correct adjustment, the panel can be safely secured with the locking and subsequently unlocked again.



The position of the groove on the panel with the locking

The position of the groove indicates the current locking status:

- **groove in the horizontal position** – the panel is **unlocked**,
- **groove in the vertical position** – the panel is **locked**.



HANDLE ASSEMBLY - CURTAIN DESIGN

For the **CURTAIN** version, one central panel is delivered with a handle already mounted, or with a handle and lock. The handle for the other opposite panel is supplied separately as a package.

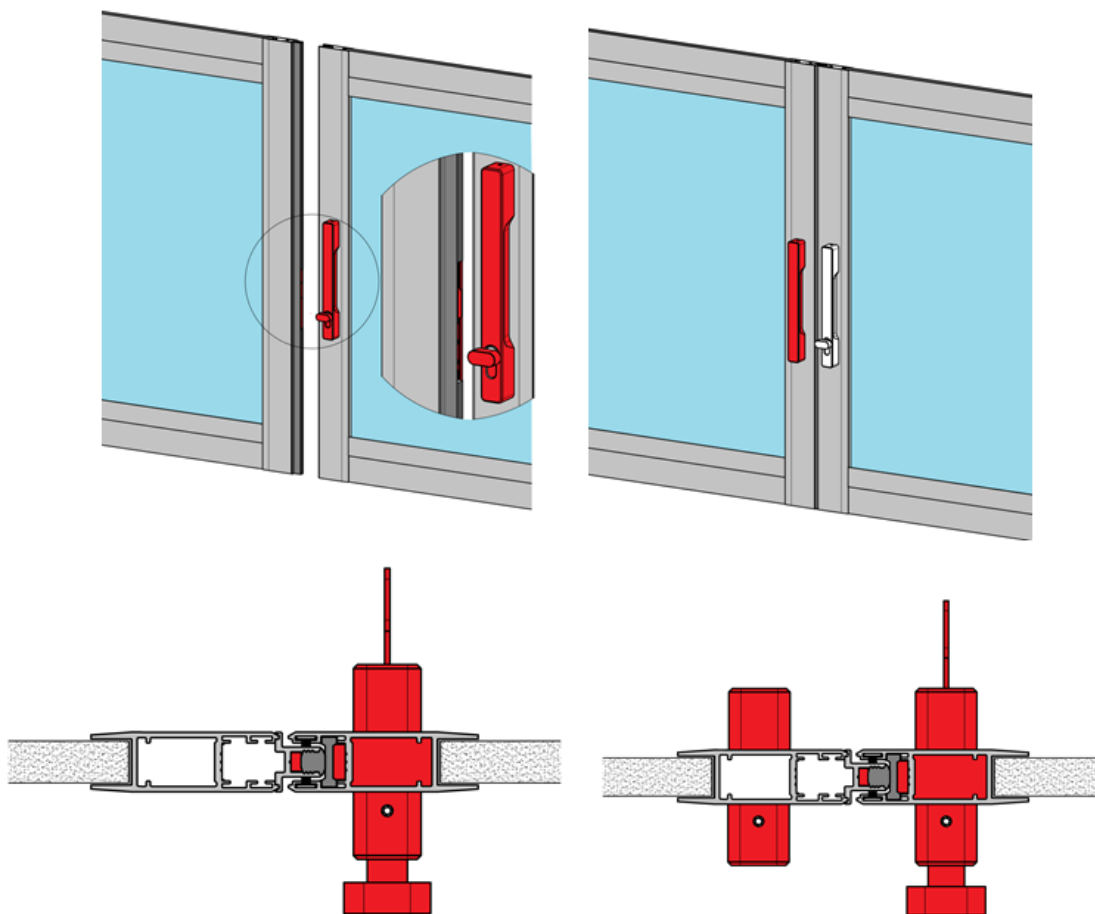
Install the handle as the last step, after you have completed adjusting the panels, lock, handle and counter-piece.

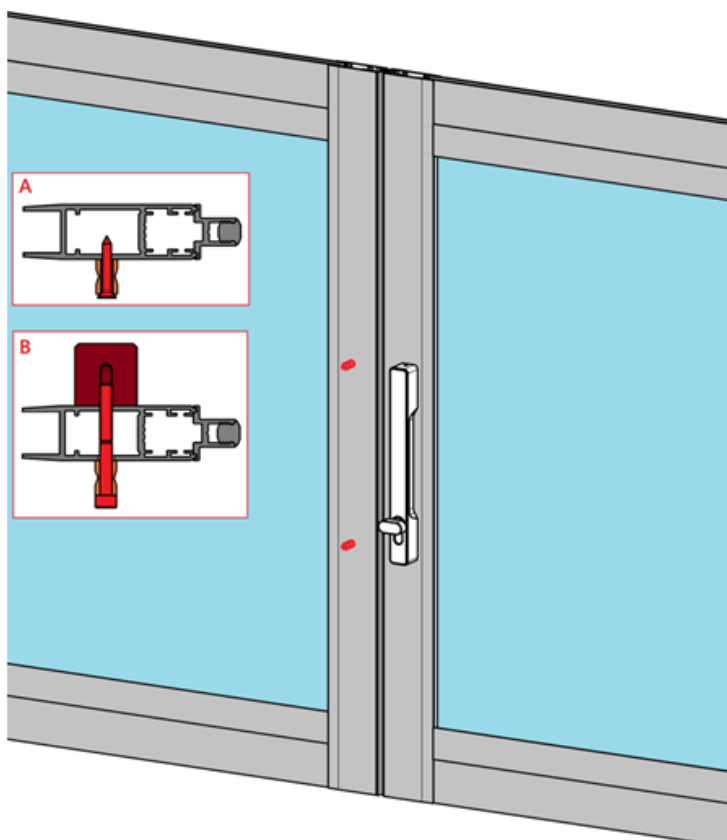
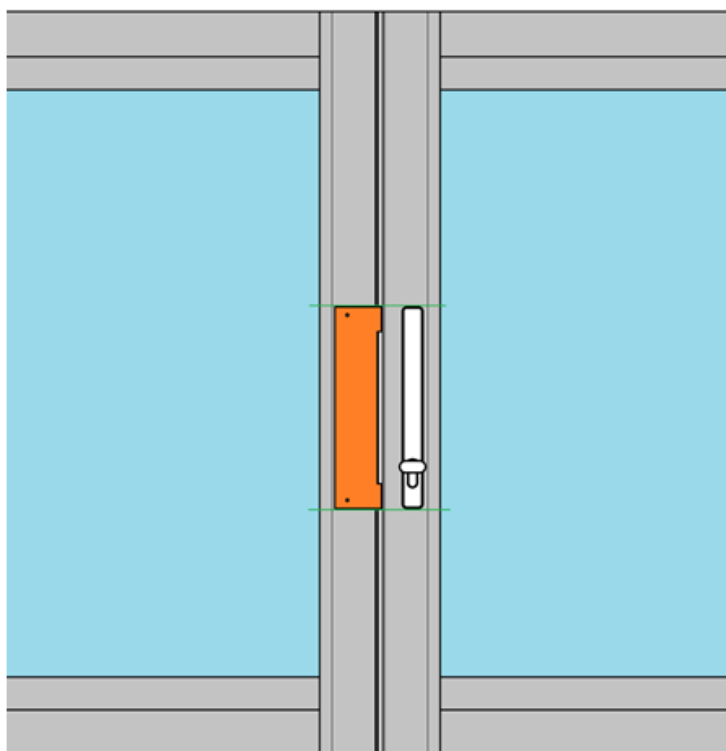
Use the provided disposable assembly template to fix the exact position of the handle. The template makes it possible to transfer the position of the handle from the already installed panel to the opposite panel and to precisely determine the sites for pre-drilling the holes.

When drilling, proceed according to the method of mounting the handle:

- **handle mounted only on one side of the panel** – pre-drill a hole for the fixing screw with a diameter of **Ø 3 mm**
- **handle mounted on both sides of the panel** – pre-drill a hole for the fixing screw with a diameter of **Ø 6 mm**.

After drilling the holes, screw the pins on, fit the handle and secure the handle with grub screws. Check its correct position and firm attachment.





Screen ALFA and ALFA PLUS in a common box 110 mm with ARTOSI SLIDE PANELS wall

MEASUREMENT

When configuring the screen roller shutters **ALFA / ALFA PLUS** and the **ARTOSI SLIDE PANELS** wall together, the necessary dimensions of the individual elements are taken into account in the configuration.

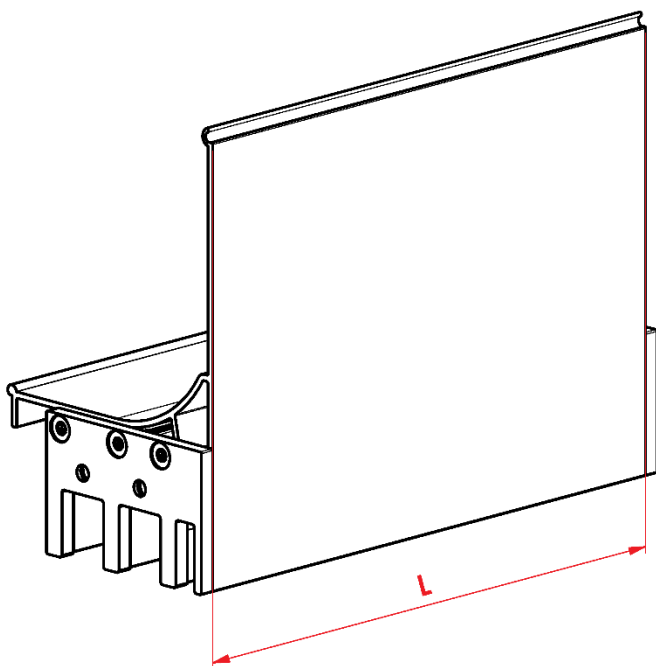
Additional assembly to the existing ALFA / ALFA PLUS screen roller shutter

In the case of retrofitting the sliding panel wall to the existing ALFA screen roller shutter, it is necessary to order a **common box (front part) with an integrated upper rail for guiding the sliding panels, individual sliding panels or a set of panels and a lower rail**.

The common box (front part) is ordered within **separate rail** configuration.

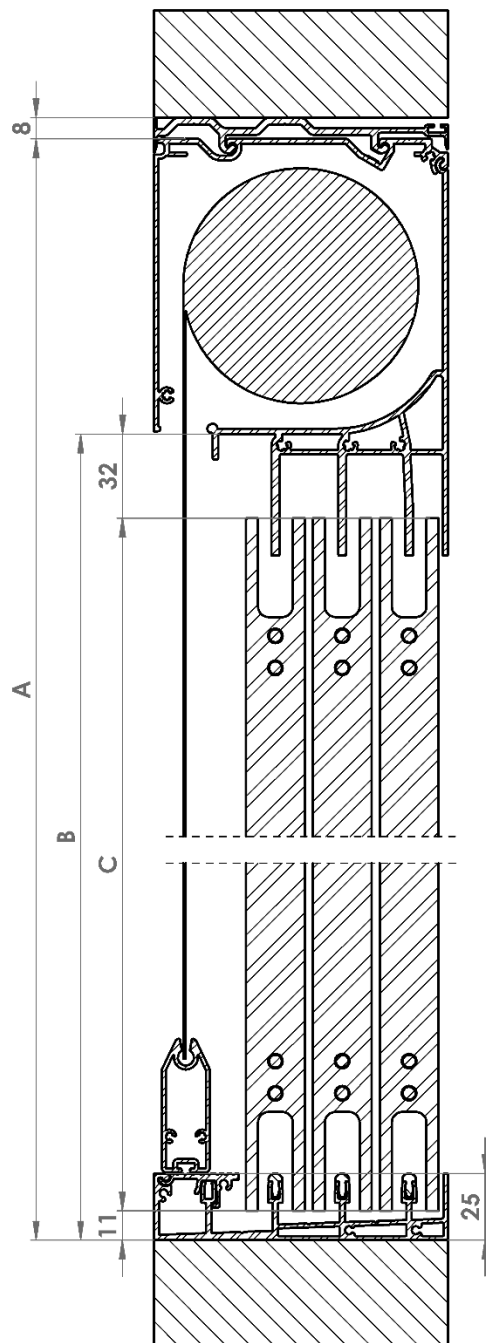
The following applies for entering the order size:

Length of the upper rail = length of the extruded profile without side covers.



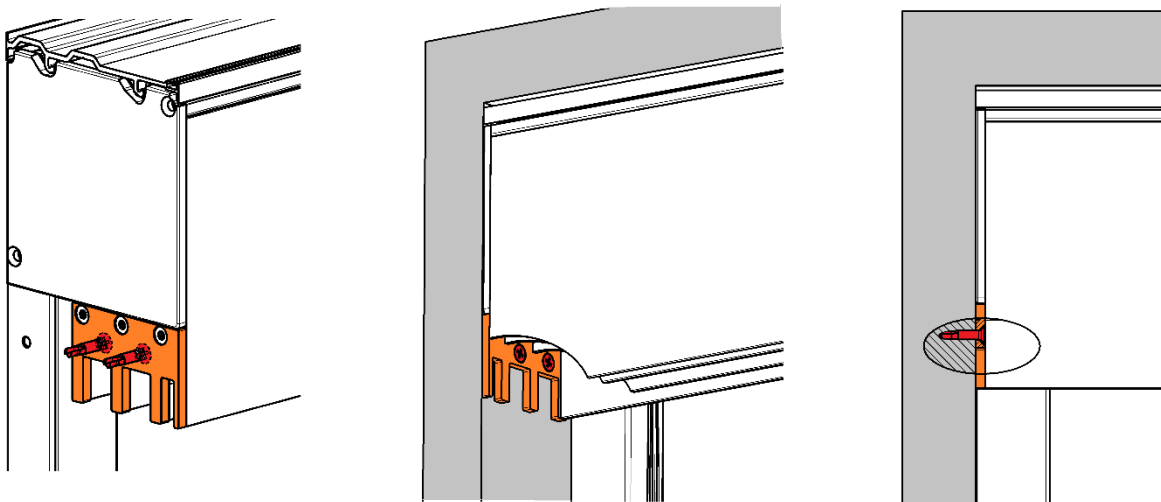
Entered width = width of the construction opening

Entered height (for a single panel or a panel set) = panel height; this value must be **calculated**.



ASSEMBLY

The box must always be firmly anchored to the adjacent support structure, e.g. to a stay of the ARTOSI pergola or another suitable building structure.



Addition of SLIDE PANELS walls under the existing ALFA / ALFA PLUS screen

Required configuration / initial condition:

- Installed ALFA / ALFA PLUS screen with 110 mm box
- PERGOLA way of attachment, alternatively WALL / CEILING way
- Screen ALFA / ALFA PLUS must be mounted between supporting elements
(e.g. between ARTOSI pergola stands)
- A 840 folding guide rail must be shortened with regard to the installation
of the bottom rail. **The recommended shortening is 25 mm (bottom rail height)**

How to order the SLIDE PANELS wall for installation under the existing ALFA / ALFA PLUS screen

1. Ordering a complete SLIDE PANELS set

When configuring the entire panel wall assembly, select the "Under the screen - already existing" mounting option in the first step.

In this configuration, it will be delivered as follows:

- new front part of the screen box with an integrated upper rail of the sliding wall,
- lower rail,
- set of panels according to the chosen configuration.

2. Ordering separate panels and SLIDE PANELS rails

This variant is mainly intended for additional ordering of individual parts or for solving atypical assembly situations.

You can order separately:

- upper rail including the new front part of the ALFA / ALFA PLUS screen box,
- lower rail,
- assembly of panels or individual panels of the sliding wall with no rails.