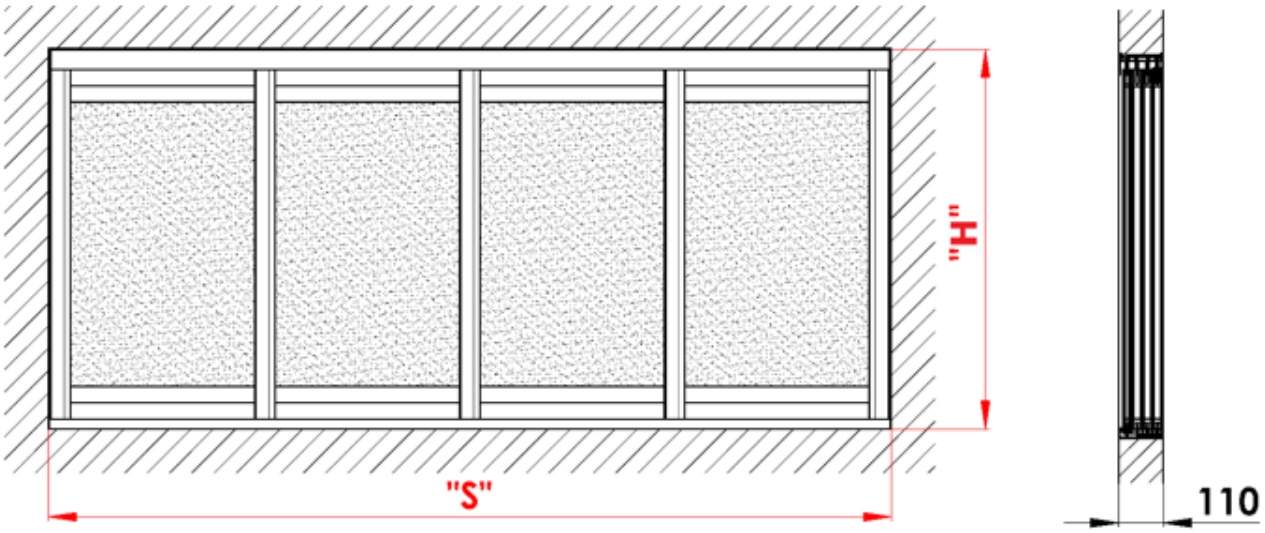
ARTOSI SLIDE PANELS

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

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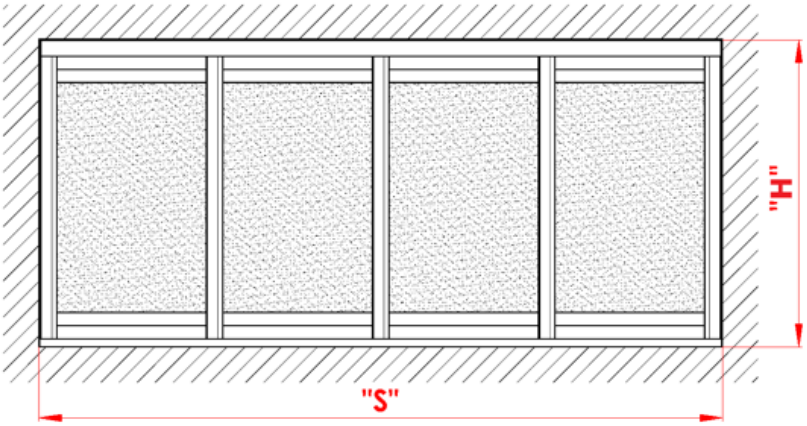
ISOTRA a.s., Bílovecká 2411/1, 746 01 Opava, Tschechische Republik
Tel: +420 553 685 111, Fax: +420 553 685 110
isotra@isotra.cz, www.isotra.cz

registered in the commercial register in Ostrava, part b, insert 3169
Company ID number (IČO): 47679191, VAT number: CZ47679191
Bank: ČSOB, A/C number: 381926893/0300

Taking measurements in a free opening for the sliding system

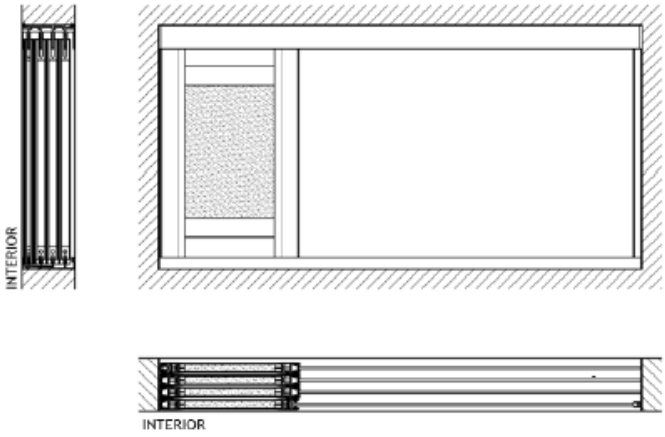
Measure both the width and height as the actual size of the openings, in several points. It is always necessary to take into account the rectangularity and flatness of the opening measured. The ordering dimensions are always the smallest values measured.



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.

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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.

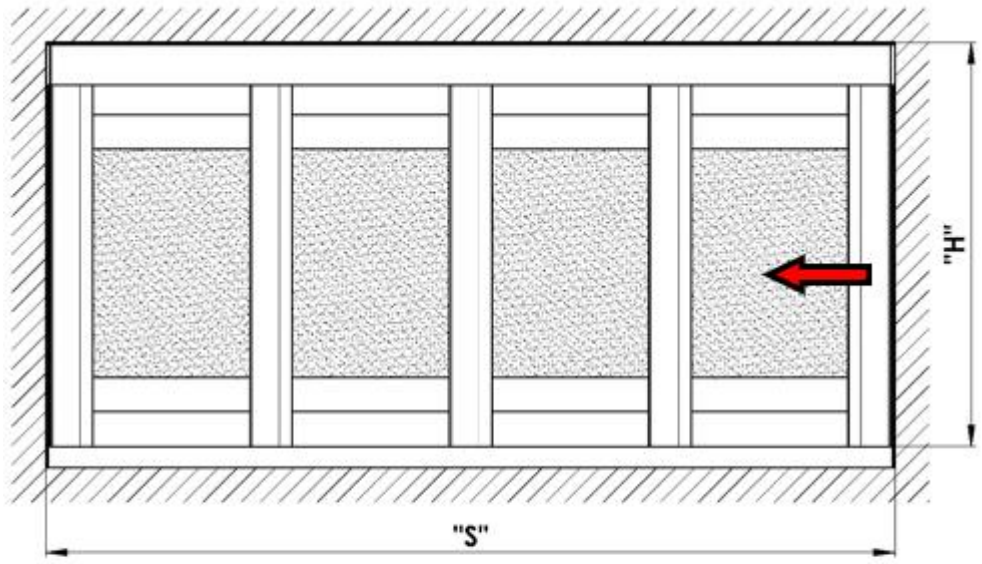
The sliding system does not ensure 100 % water-, snow-, and wind-tightness.

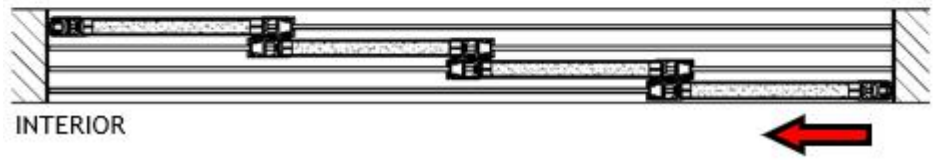
Wind is likely to cause vibration and deflection of the panels. Vibration may be both audible and visible. Panel deflection is reversible and does not affect functionality of the system.

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





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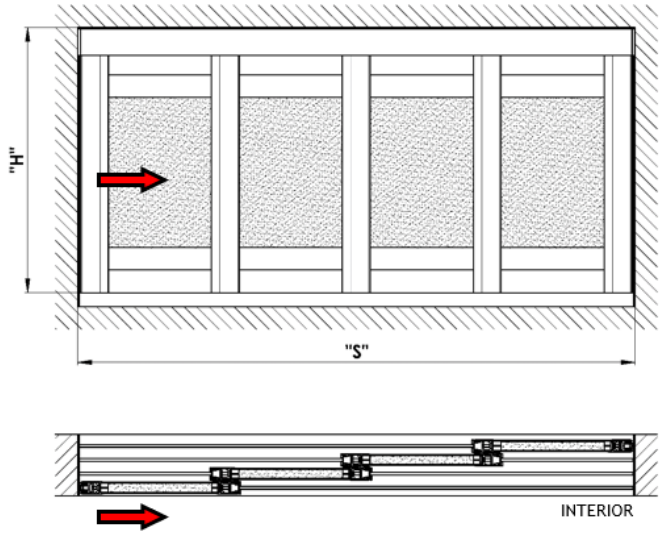
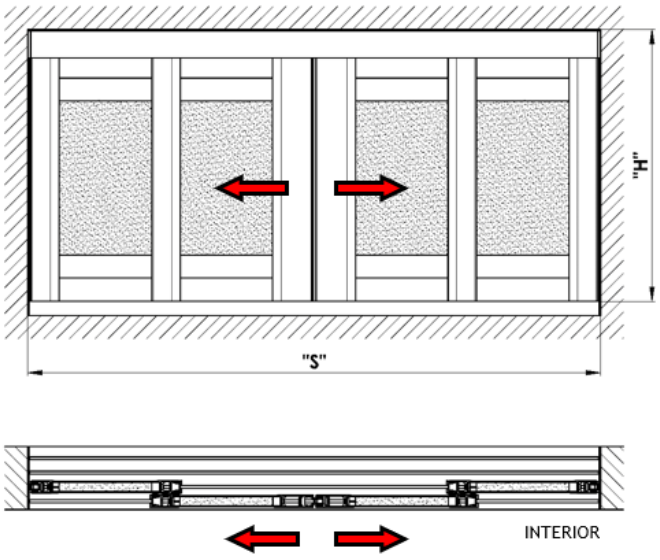
Panel layout: folding to the right

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



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Installation

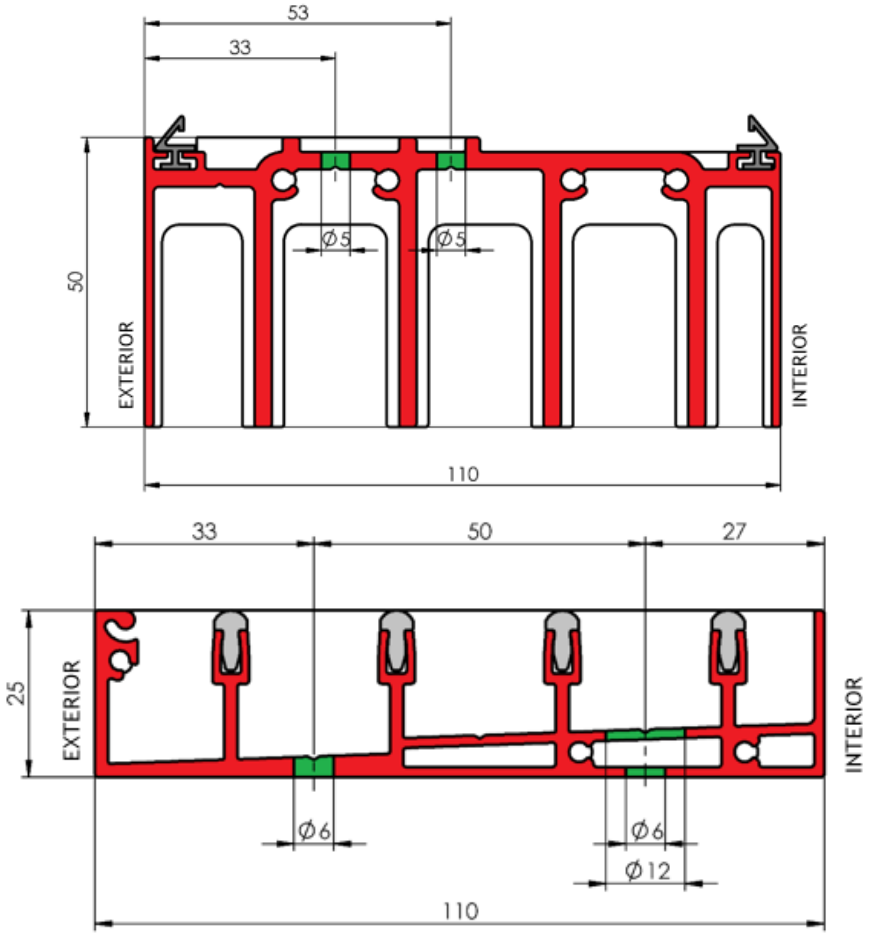
Check the dimensions and completeness of the delivery before starting the installation.
Note: anchoring material is not part of the delivery.

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.



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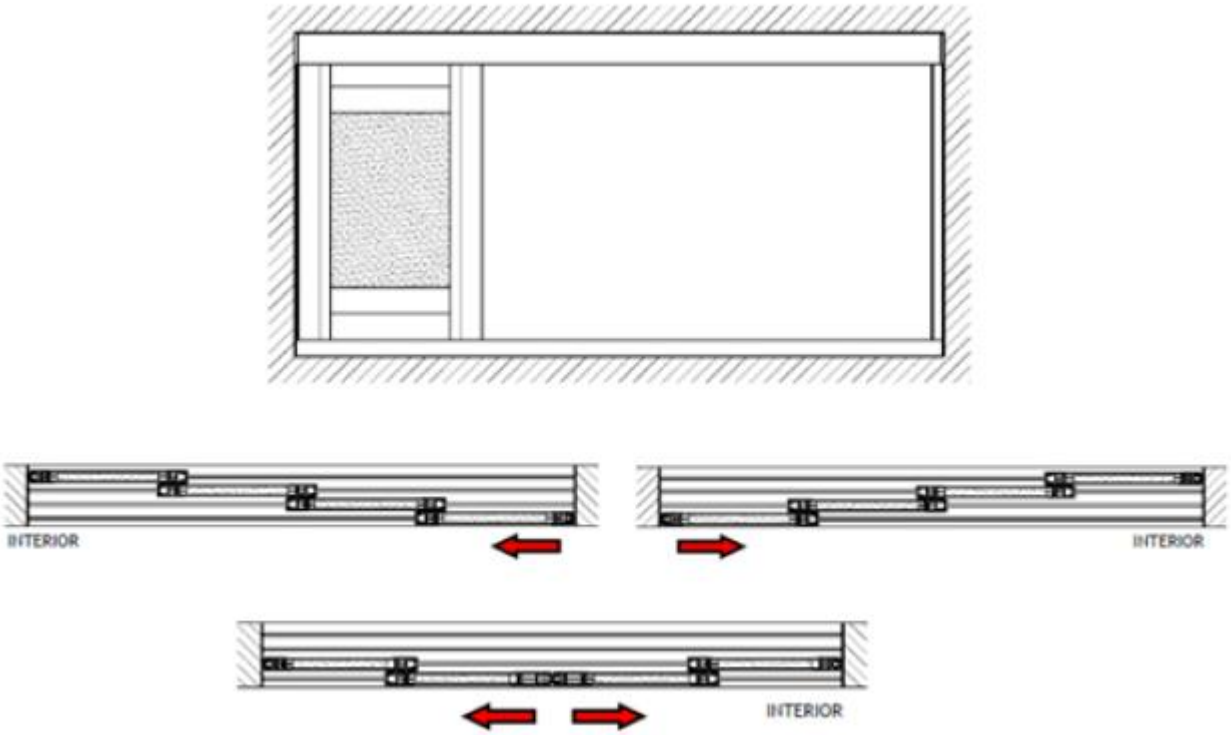
2. Installing the panels

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.



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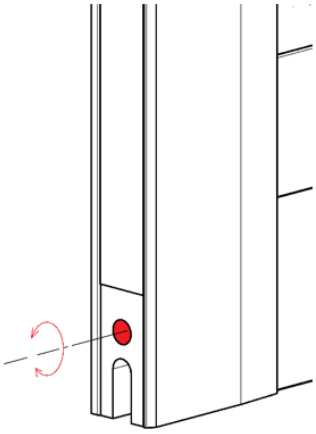
3. Adjusting the panels

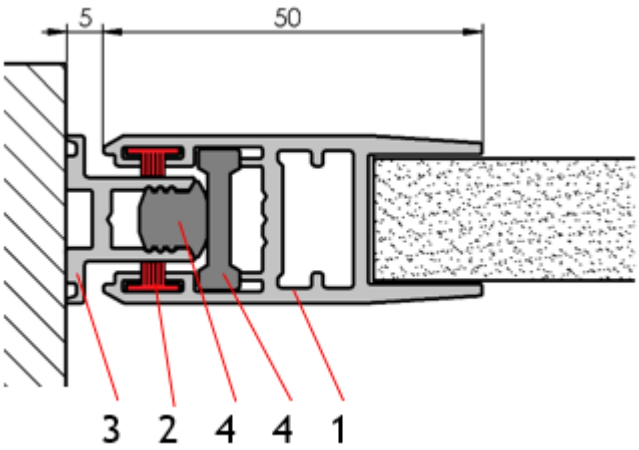
Each panel is equipped with adjustable guide wheels on both sides.
To adjust them, use size 4 Allen key. The opening for inserting the key is located in the lower part of the panel side. By rotating the key to either side, adjust the verticality of the panels, so that they are visually aligned one after 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.



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