

Product description

All Modulit® systems can be provided with opening Windows to allow the perfect ventilation of the building. The opening system is composed of upper and lower aluminium profiles, provided with EPDM rubber gaskets for complete closure, and anodized aluminium top hinges.

The opening can be electrical, by means of installation of an actuator.

Sector

Industrial / Commercial

Application

Flat translucent vertical wall continuous or discontinuous

Advantage

Perfectly integrated into the system

Easy and economical installation

Thermal insulation

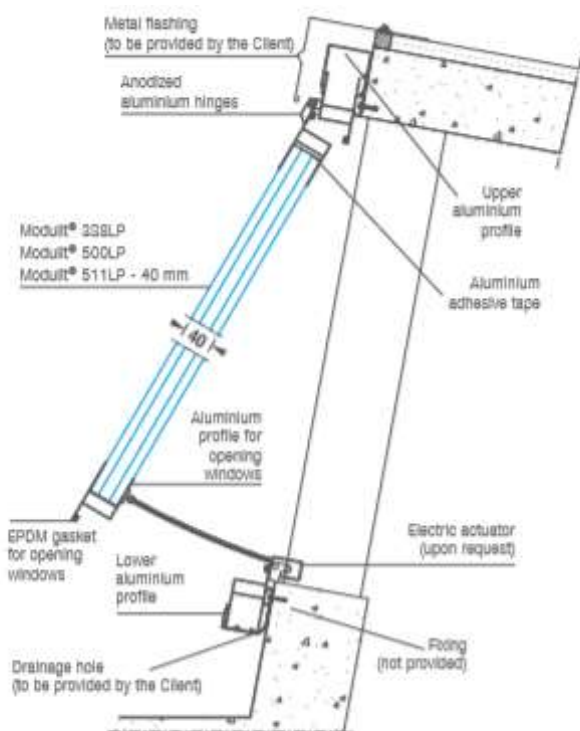


Scheme:

You can perform the installation with 2 options:

Simple profile

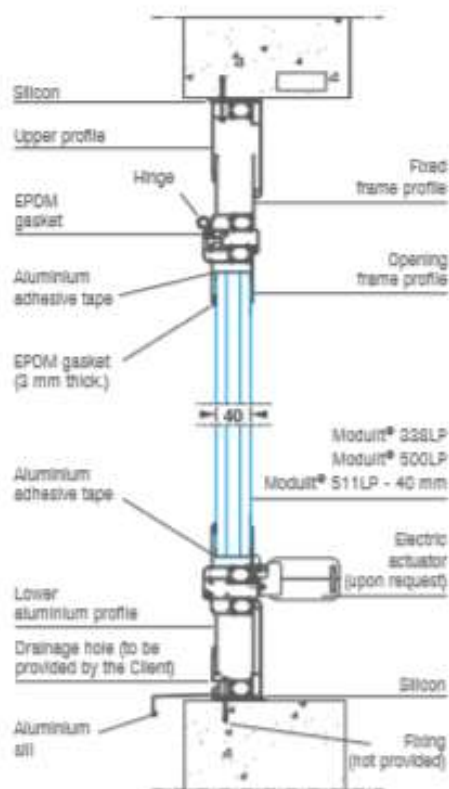
Vertical section – sloped shed-with simple profiles, 40 mm thickness



Vertical section - sloped shed - with simple profiles, 40 mm thickness

Thermal cut profile

Vertical section with thermal cut profiles, 40 mm thickness



Vertical section with thermal cut profiles, 40 mm thickness

Recommended installation

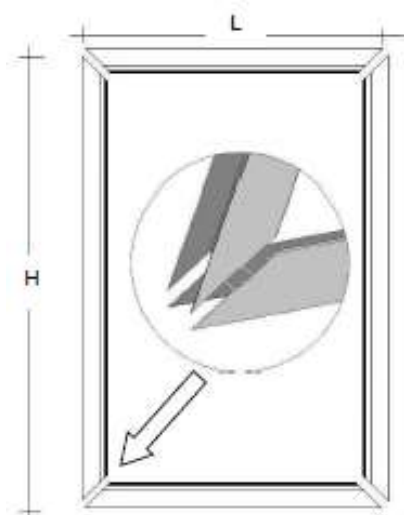
1-Dimensions of the window

The ventilation openings, which integrate perfectly with the existing accessory, can be built for ventilation by means of a double joint that opens outwards (with hinges on the top). The windows should not have more than 2-3 square meters of opening surface. For larger windows, contact our Technical Department.

In addition to the aluminum profile and the panels, (which must always be glued with adhesive tape at the ends), for each opening element the following elements are necessary: 8 brackets, 2 or more aluminum hinges depending on the width of the opening Ventilation and Sealing gaskets.

2-External window fixed frame

Para hacer que el bastidor fijo tenga dos pares de perfiles de apertura se debe cortar a 45° de forma que la ranura que contiene la junta se encuentre en el interior.



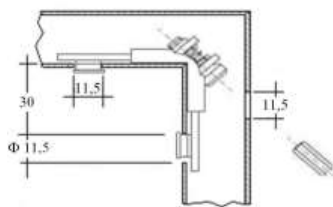
Cutting dimensions on the outside of the Fixed Frame:

- Fixed frame height (H):
 - 2.1) For Modulit 338LP, 500LP, 500LL-511LP-40mm
 $H = V - 35 \text{ mm}$
 - 2.2) For Modulit 520HC
 $H = V - 50 \text{ mm}$
where: $V = \text{free space}$
- Fixed frame width (L):

	Product	Width fixed frame (L) (mm)				
		1 Panel	2 Panels	3 Panels	4 Panels	5 Paneles
Simple profiles	Modulit 520HC-20 mm	680	1180	1670	2170	2670
	Modulit 338 LP - 40 mm	570	910	1245	1585	1920
	Modulit 500LP/LL-40 mm	730	1230	1730	2230	2730
	Modulit 511LP-40mm	710	1200	1690	2180	2670

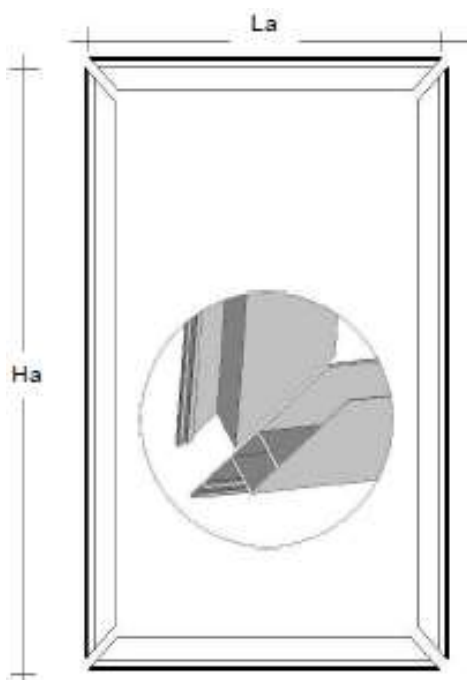
	Product	Width fixed frame (L) (mm)				
		1 Panel	2 Panels	3 Panels	4 Panels	5 Panels
Thermal cut profiles	Modulit 338 LP - 40 mm	624	962	1300	1638	1976
	Modulit 500LP/LL-40 mm	786	1286	1786	2286	2786
	Modulit 511LP-40mm	770	1260	1750	2240	2730

Construct the frame by inserting the bracket into the profile channel. Prepare the openings to fix the square following the method that is shown in the following drawing. Construct the frame by inserting the square into the profile channel.



3-Mobile frame:

To make the fixed frame have two pairs of opening profiles (code Mg86 or code MgV4) it must be cut at 45° so that the groove containing the joint is inside.



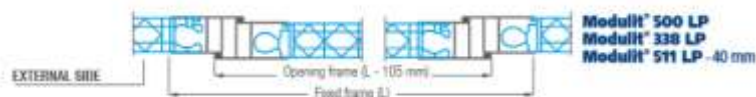
Cutting dimensions on the outside of the Mobile Frame:

- Height (Ha) / Width (La) Mobile Frame:

2.3) For **Simple profile** Modulit 338LP, 500LP, 500LL-511 LP-40 mm

$$H_a = H - 105 \text{ mm}$$

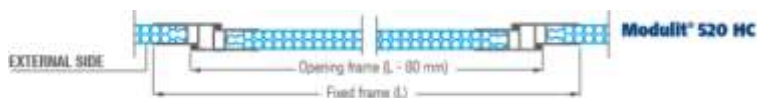
$$L_a = L - 105 \text{ mm}$$



2.4) For **Simple profile** Modulit 520HC

$$H_a = H - 80 \text{ mm}$$

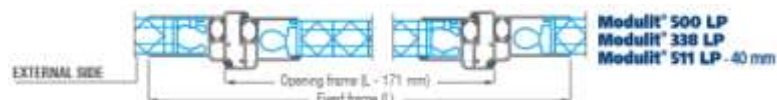
$$L_a = L - 80 \text{ mm}$$



2.5) For **Thermal cut profiles** Modulit 338LP, 500LP, 500LL-511 LP-40mm

$$H_a = H - 171 \text{ mm}$$

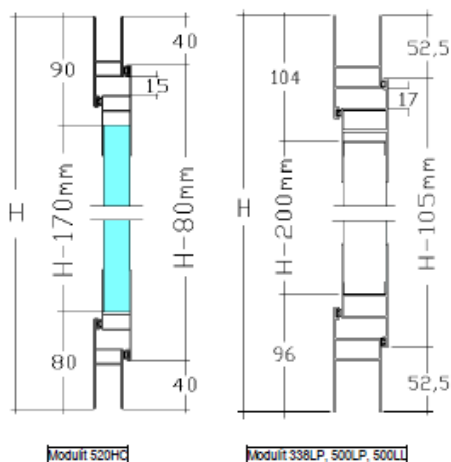
$$L_a = L - 171 \text{ mm}$$



where:

H = Height fixed frame

L = Width Fixed frame



- Height of panels (Hp) for Mobile Frame (in simple Profile):**

- For Modulit 338LP, 500LP, 500LL, 511LP:

$$H_p = H - 200 \text{ mm}$$

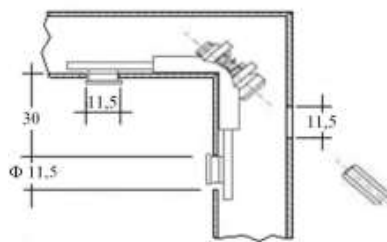
- For Modulit 520HC:

$$H_p = H - 170 \text{ mm}$$

where:

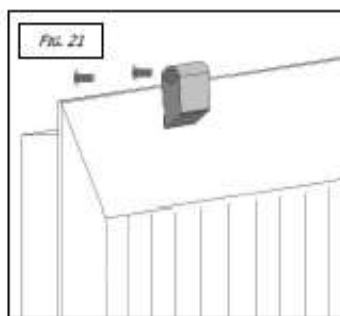
H = Height fixed frame.

Insert the board in all the profiles. Prepare the holes to fix the bracket following the method shown in the following drawing. Construct the frame by inserting the bracket into the profile channel.


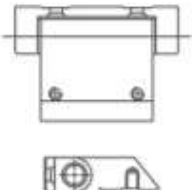
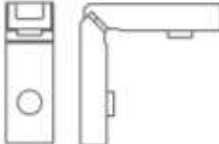
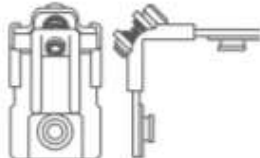
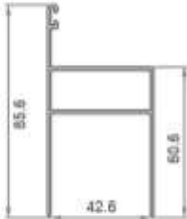
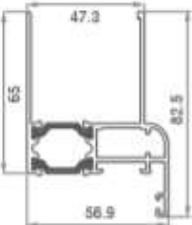
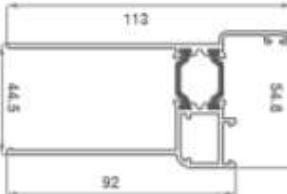






Attach the two hinges to the top of the coupled window, taking care to place them at the same distance from the edges so that the opening is straight. If the window is wider than 2 meters, it is advisable to fix a third hinge in the middle

The window must be attached to the fixed frame in the workshop, once the fixed frame has been assembled, using the barrette and the instructions provided with the hinge..



Accessories:

			
Hinges for thermal cut profiles cod. M925	Hinges for simple profiles cod. M912	Bracket for window profiles codes M9V4, M9D6 e M9D7 cod. M97A	Bracket for window profiles code M986 cod. M974
			
Anodized aluminium fixed and opening frame profile, for 40 mm thickness panel cod. M986	Anodized aluminium thermal cut opening frame profile, for 40 mm thickness panel cod. M9D6	Anodized aluminium thermal cut fixed frame profile, for 40 mm thickness panel cod. M9D7	Anodized aluminium fixed and opening frame profile, for 20 mm thickness panel cod. M9V4
			
EPDM gasket for thermal cut profiles cod. M998	3 mm EPDM gasket for both simple and thermal cut profiles cod. M9S5	EPDM gasket for simple profiles cod. M913	

The information referred to in this Technical Data Sheet is based on the experience and the tests carried out by the company, without this implying any kind of responsibility for its different applications, given that Stabilit Europa does not have any kind of control over its final use.

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