

## THE ACCESSORIES RANGE FOR THE RIGHT INSTALLATION

few items with Thermal Break elements allow to create wide facades with stunning aesthetic effects



Aluminium base/ side/ upper profile with Thermal Break



Bottom fixing bracket for single modul



Aluminium base/ upper/ side straight flap



Internal PE base drip



Upper fixing bracket for single module



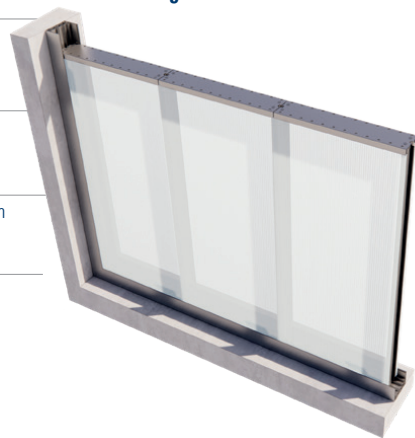
Flat fastening Aluminium bracket for intermediate support



Slip-coat rubber seal strip



PE Lifting to joint two adjacent modules



## HOW TO CUSTOMISE YOUR SURFACE FINISH?

choose the surface treatment suitable for the application context and define your wished color!



**AR ANTI GLARES**  
for indoor visual comfort



**ANTI-SCRATCH PROTECTION**  
to prevent surface damages in public area

**IR IR SOLAR RAYS BLOCKING**  
for indoor heat temperature control



**DOUBLE COLOR - ONE PANEL**  
the two sides of the same panel with two colors

**UV UV SUN RAYS RESISTANCE**  
with a special extended warranty



**LIGHT DIFFUSION & SOFT TOUCH**  
elegant aesthetic combined with UV protection

**3TECHNOLOGIES PACKAGE**  
to get extra-performances lasting



**ARCOPURE TO REDUCE AIR POLLUTION**  
and purify indoor/outdoor environments



Architecture Dressed in Light



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NOTE The data contained in this documentation is provided to informative title and can be changed without notice. For further information write to info@gallina.it or take a phone call with our technical support office.

**arcoplus®**  
FastFit Module

The best  
acoustic insulation performance  
for translucent facades  
in multiwall polycarbonate

THE BRAND NEW  
READY TO INSTALL  
MODULAR SYSTEM

**dott.gallina**  
POLYCARBONATE SYSTEMS & SHEETS

EP - ENG - 05-2024



# Enjoy all benefits of SunLight

This is the most complete and performing system for creating translucent facades and building envelopes composed of pre-assembly modules made with several layers of polycarbonate paneling, both solid and multiwall. This easy to install system reaches the thermal insulation value of  $U = 0.50 \text{ W/m}^2\text{K}$  and sound insulation values up to 40 dB.

Thanks to the pre-assembled modules, the assembly process on site will be so quick and easy!

**arcplus®**  
FastFit Module

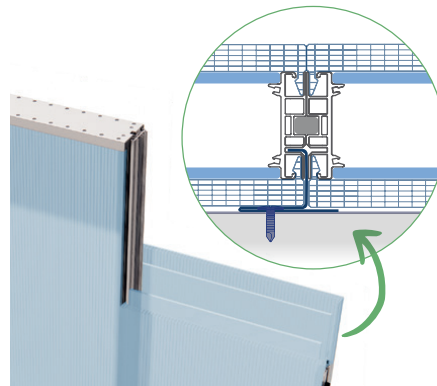
## MAIN FEATURES

Up to 4 layers joined in 1 single translucent module

Thickness system (mm)	140
Thickness module (mm)	120
Module composition (mm)	20 mw + 8 solid + 8 solid + 20 mw
Width standard module (mm)	600
Thermal transmittance U (W/m <sup>2</sup> K)	up to 0.50
Acoustic insulation (dB)	up to 40
Max module height (mm)	4.000 single span / 8.000 multi span
Linear thermal expansion (mm/m°C)	0,065
Temperature range (°C)	-40/ +120
U.V. rays protection	Coextrusion
Fire reaction EN 13501-1 13501-1	EuroClass B-s1,d0

## HOW IS A MODULE MADE UP?

Zoom Inside the Module



maximum sound insulation



fast and easy installation



super high thermal insulation



lightening of the substructure



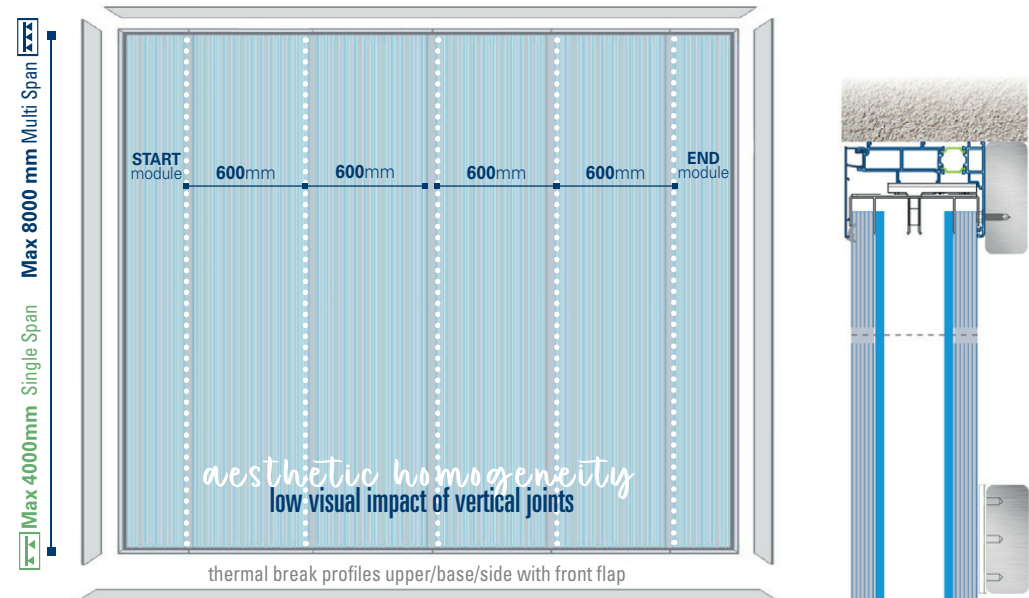
maximum load resistance



energy saving sustainable projects

## A SUITABLE SOLUTION FOR EVERY DIMENSIONAL REQUIREMENTS

Thanks to the interlocking side connection of each module next to the other, there are no-limits in the applications width. Depending on the dimensions of façade light compartment, **special ending or strating modules** have been designed to get a customised width less than 600mm in order to guarantee the perfect fitting of the whole FastFit Module system.



## BUILD YOUR FACADE by connecting one module laterally to another!

Easier done than said!



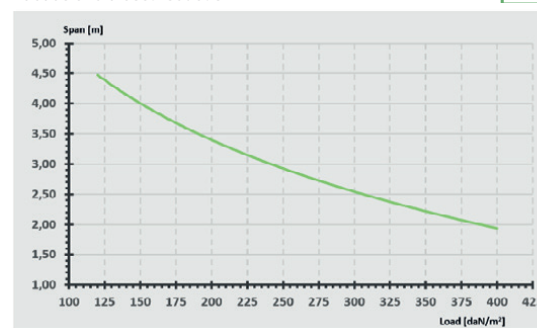
## VERTICAL APPLICATIONS

Curtain Walls  
Continuous Facades  
Ribbon Windows

## LOAD PERFORMANCES

Analysis on Single Span Module - height up to 4 mt

This modular system allows to get a great distance between the substructure supports. So it permits to reduce the number of the purlins, achieving a better aesthetic impact of the whole facade and a cost reduction.



Assembly vertical diagram for walls taller than 4 meters which requires the presence of back intermediate supports with brackets

