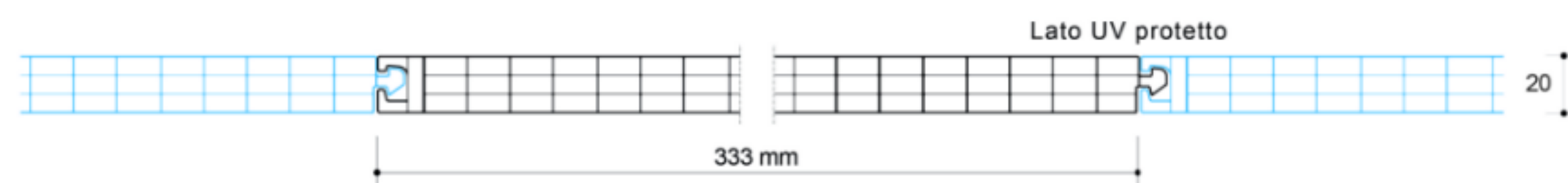
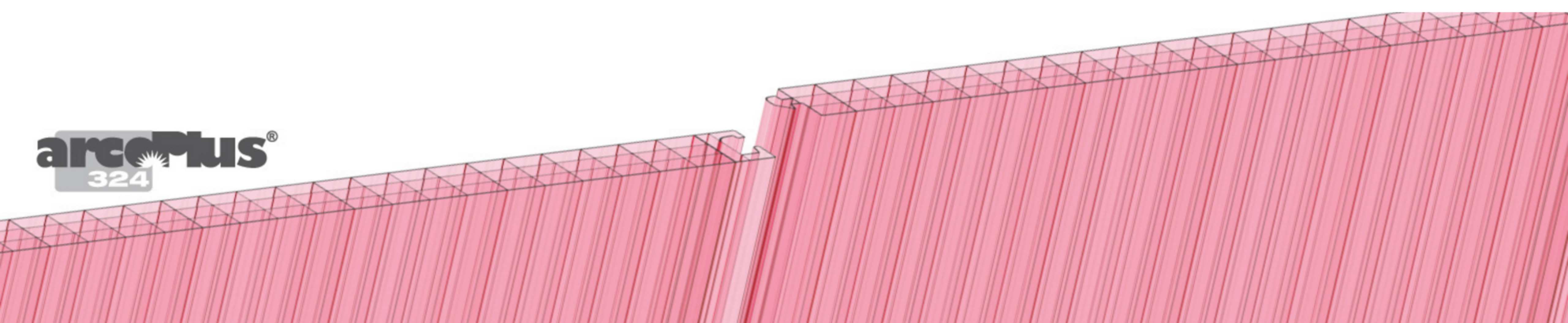


arcoPlus® 324



Modular system of UV protected multiwall polycarbonate for translucent curtain walls and glazing applications

arcoPlus®324 is a modular system of coextruded 4 walls polycarbonate panels with a thickness of 20mm, aluminium profiles, accessories and opening windows, designed for simple and versatile use. arcoPlus®324 is not suitable for roofing applications.



Features

Advantages

- ✓ Easy and low-cost installation
- ✓ Light transmission
- ✓ Resistance to UV rays and to hail
- ✓ Thermal insulation

Applications

- Vertical window
- Translucent facade insert

Production standards

Thickness	20mm
Structure	4 walls
Effective modular width	333mm
Panel length	No limits
Available colors	See page 11

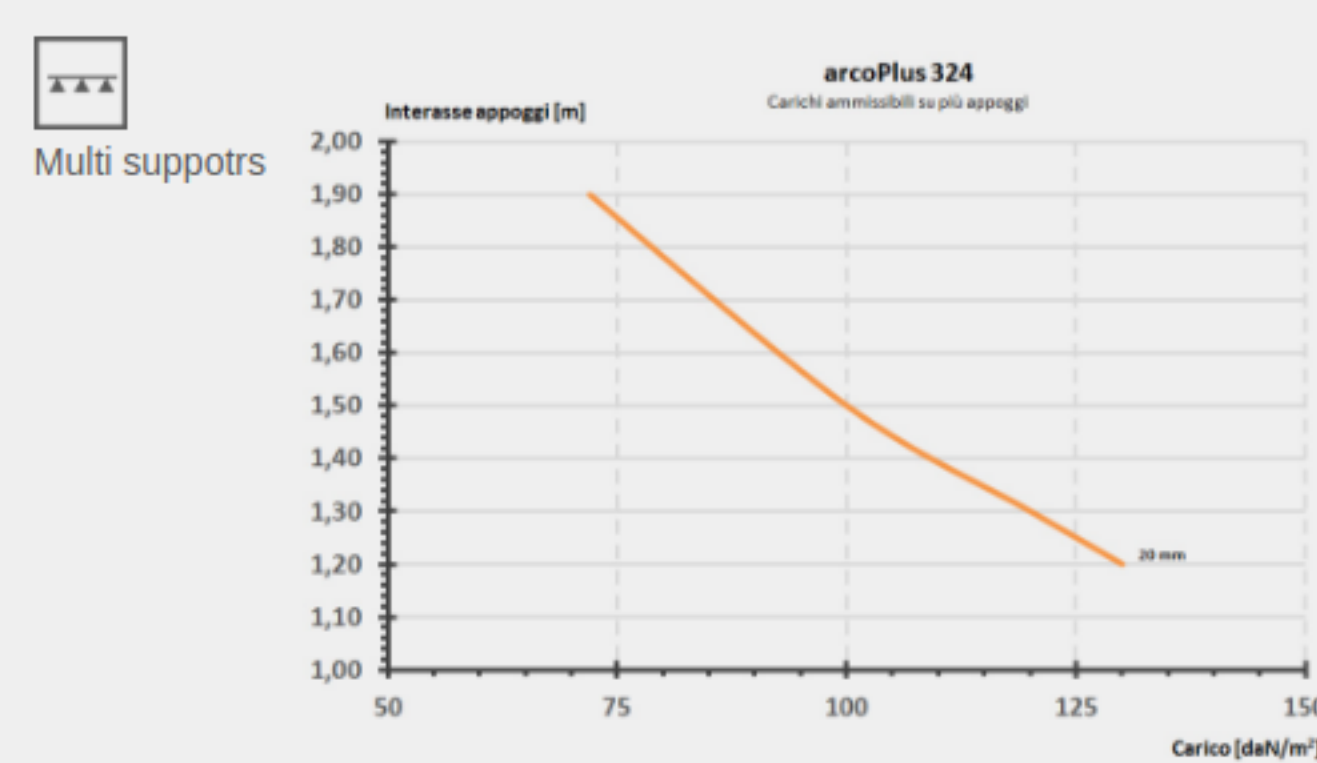
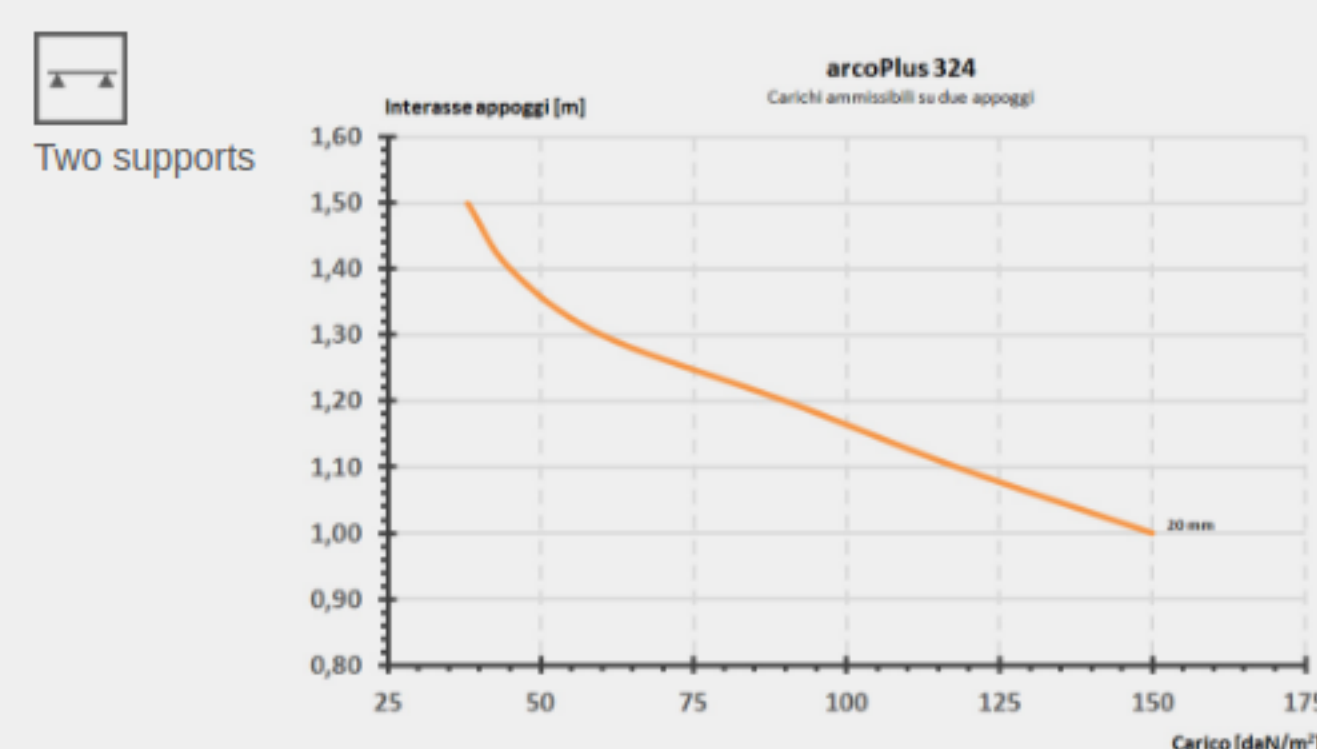
Features

Thermal insulation	1,8 W/m²K
Acoustic insulation	16 dB
Linear thermal expansion	0,065mm/m°C
Temperature range	-40°C +120 °C
U.V. rays protection	Coextrusion
Fire reaction EN 13501-1	EuroClass B-s1,d0

Special treatments

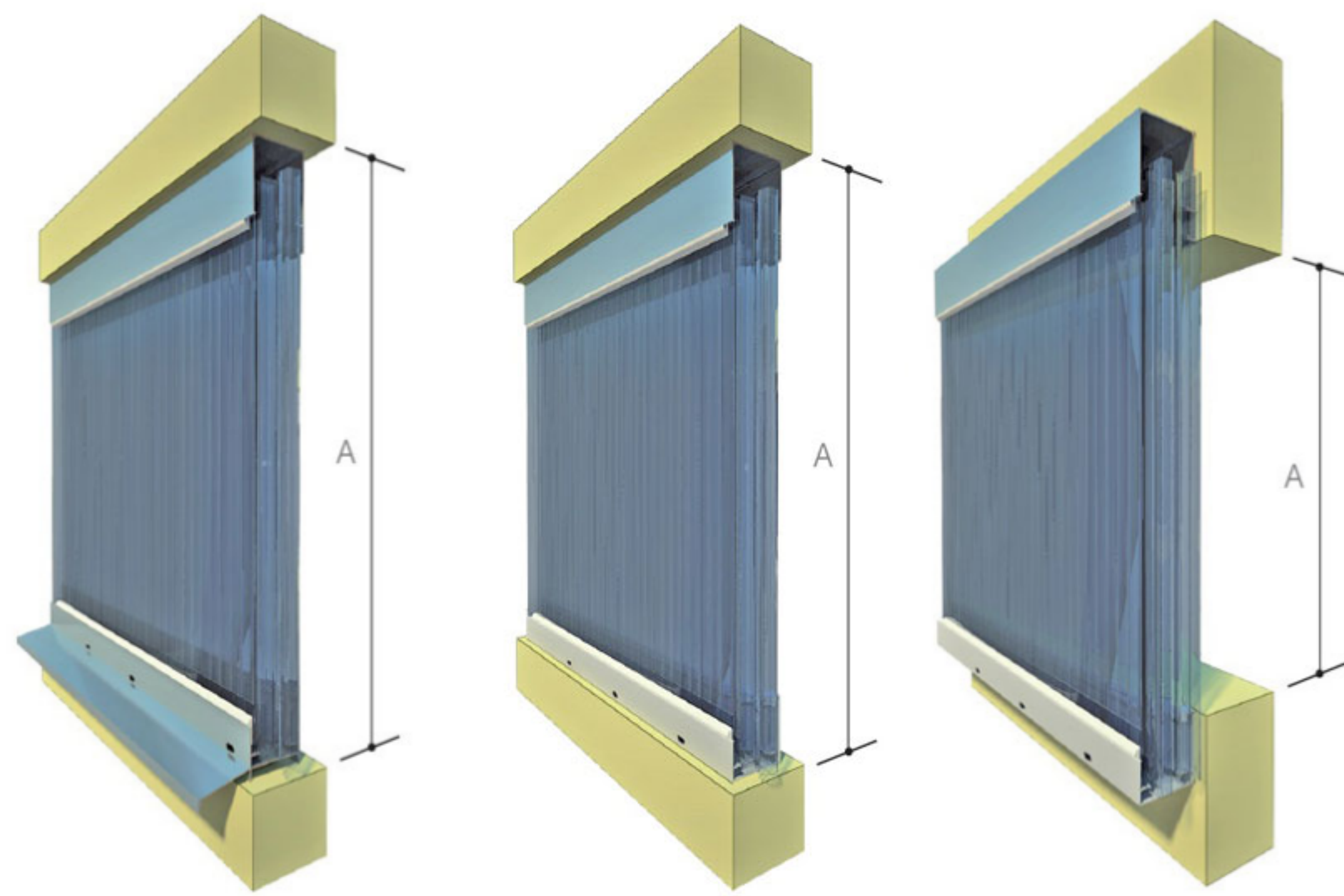


Load resistance



Easy installation

The 20mm-thick, 4 walls structure with tongue and groove connection gives the panels remarkable flexural strength. It also allows the panels to be installed without the use of metal reinforcement frames, thus eliminating heat loss due to the thermal bridges caused by these structures. The modular connection ensures a watertight seal for glazing with an inclination of up to 30°. For installations exceeding 1.5m, a suitable section-breaker profile must be installed to which the arcoPlus® panels can then be fixed (see load resistance graph). This is done using the specific brackets to give the system the necessary resistance to negative wind load and permit sliding due to thermal expansion.



WITH EAVE

PL = A - 50 mm
A = opening measure

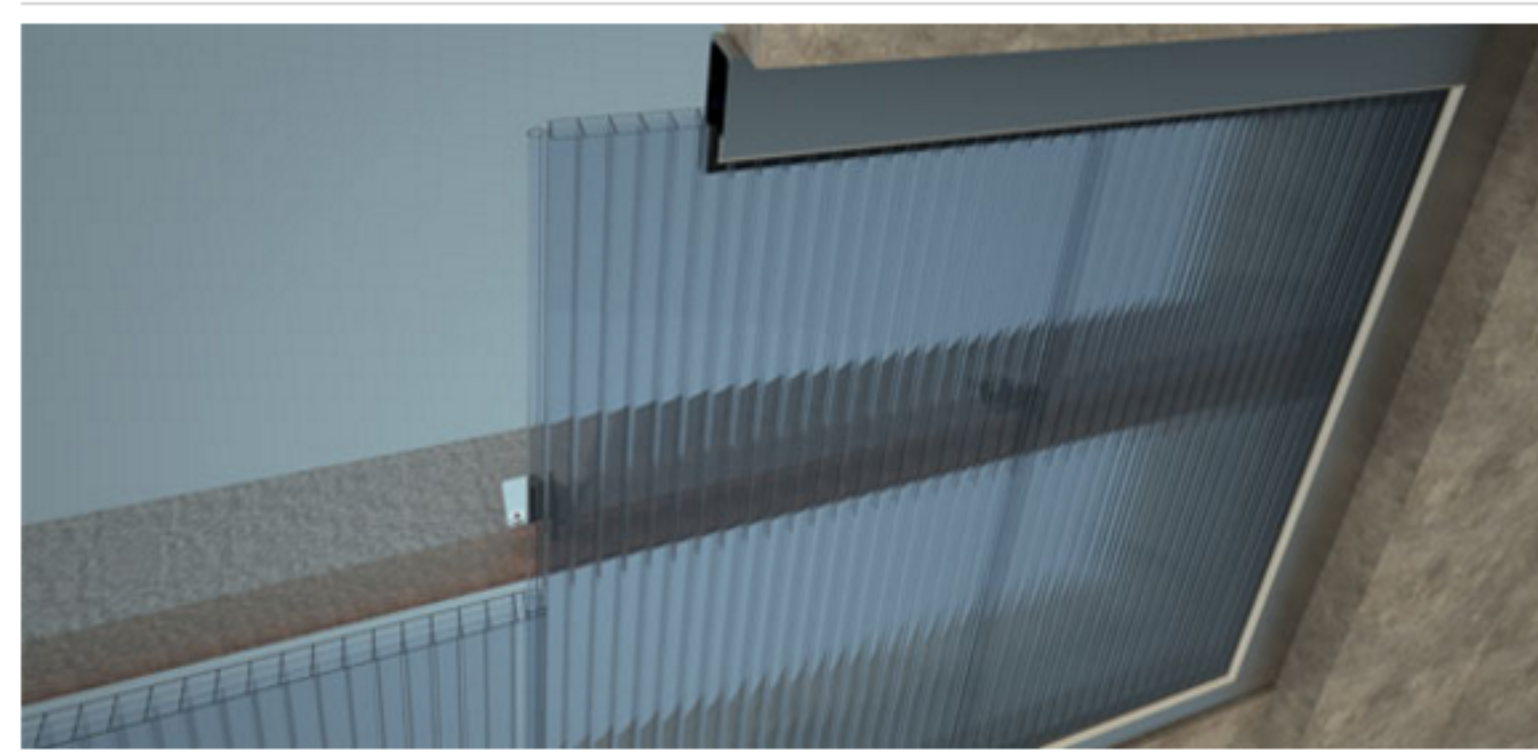
WITHOUT EAVE

PL = A - 40 mm
A = opening measure

OUTSIDE OF THE BUILDING

PL = A + 80 mm
A = opening measure

Assembly details



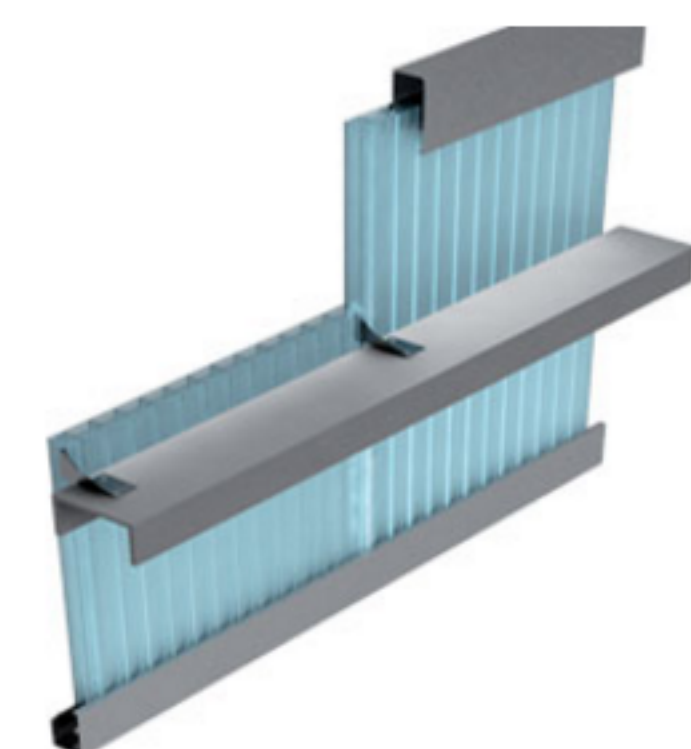
Construction of continuous transparent glazing, with section-breaker profile



Insertion of stainless steel plates for anchorage to existing structures



Insertion of curtain wall panels on base profile, with Gasket



Positioning of anchor plates on section-breaker profile

Opening systems

The arcoPlus® panels are accompanied by a wide range of accessories which allow to create fixed vertical curtain walls, moreover these products have been designed to realise windows with integrated opening systems to be inserted in horizontal shed-window or into curtain translucent wall. Please, consult the appropriate site-section to have more specific information.

Accessories



cod. 1169/b
Slip Coat Gasket



cod. 4061
Upper and side AL profile



cod. 4062
Base AL profile



cod. 4063
Link plate



cod. 4064
Base AL profile with eave



cod. 4066
Additional sealing tape