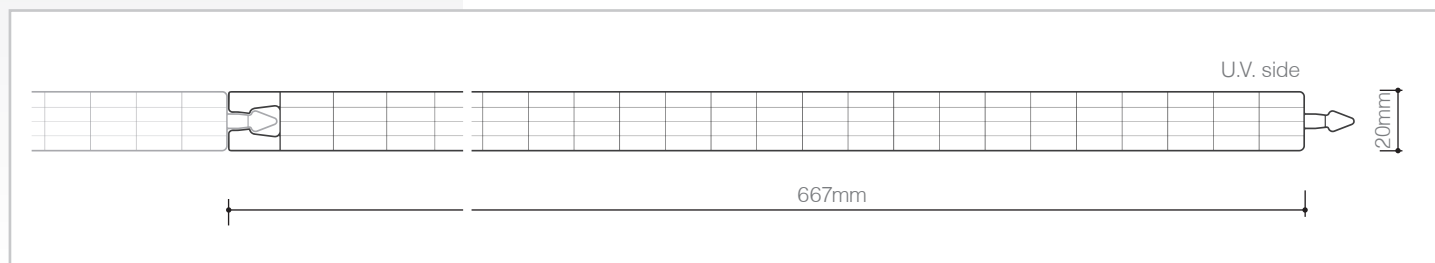


## 2.1 INTERLOCKING SYSTEMS

**arcoPlus®**  
625



### PROFILE



**Modular system of UV protected multiwall polycarbonate for vertical window applications**

### PRODUCTION STANDARDS

thickness	20mm
structure	5 walls
effective modular width	667mm
panel length	no limit
colours available	see page 11

### TECHNICAL FEATURES

Thermal insulation	1,7 W/m <sup>2</sup> K
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	EuroClass B-s1,d0

### DESCRIPTION

arcoPlus®625 is a modular system of coextruded 5 walls polycarbonate panels with a thickness of 20mm, aluminium profiles, accessories and opening windows, designed for simple and versatile use.

arcoPlus®625 is not suitable for roofing applications.



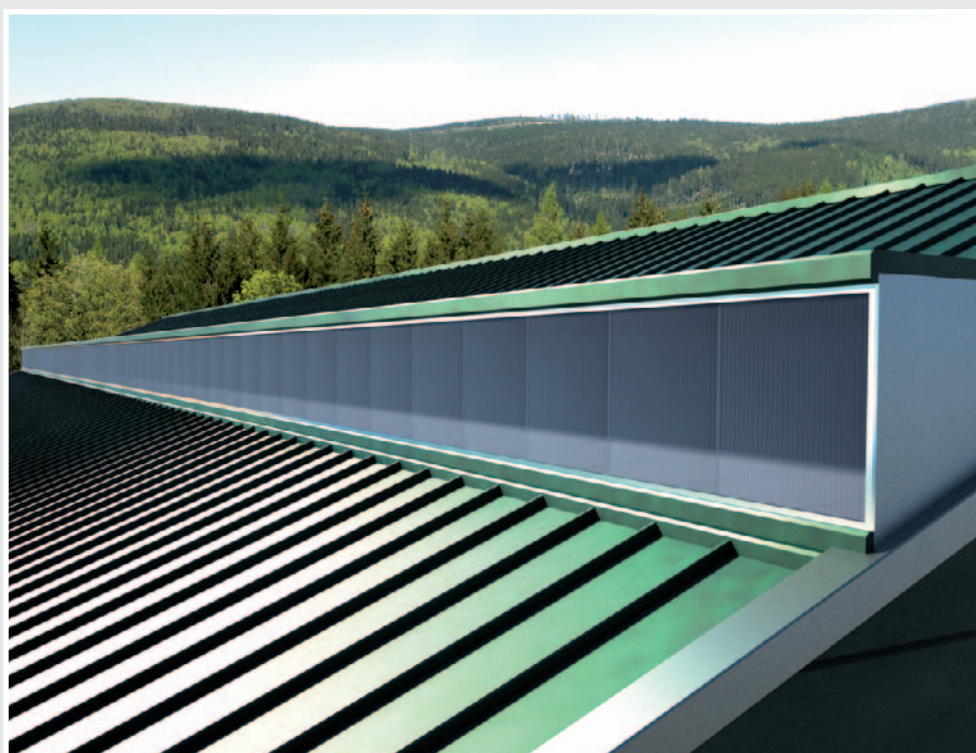
LIGHT MANAGEMENT

### ADVANTAGES

- ❖ Easy and low-cost installation
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Heat insulation

### APPLICATIONS

- ▶ Vertical windows

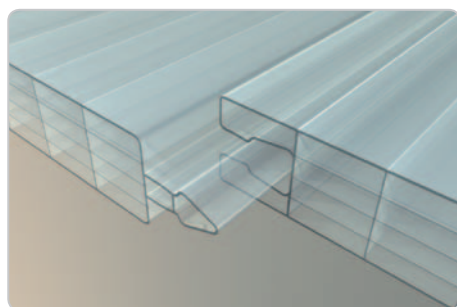


**CONTINUOUS WINDOWS**  
Translucent continuous windows



## ACCESSORIES

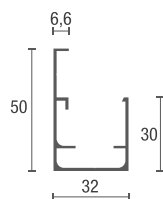
The system includes a complete range of aluminium profiles for installing the panels. The air cells of the polycarbonate panels must be sealed using vented aluminium breather tape. This allows correct ventilation and prevents soiling on the inside.



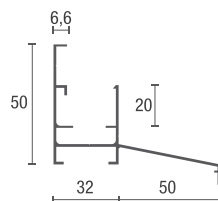
**DETAIL JOINT**  
Detail joint male-female

## METAL PROFILES

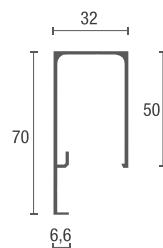
code 4062  
Base AL profile



code 4064  
Base AL profile  
with eave



code 4061  
Upper and side  
AL profile



## ACCESSORIES



**4062**  
Base AL profile



**4064**  
Base AL profile  
with eave



**4061**  
Upper and side  
AL profile



**1169/B**  
Slip Coat Gasket

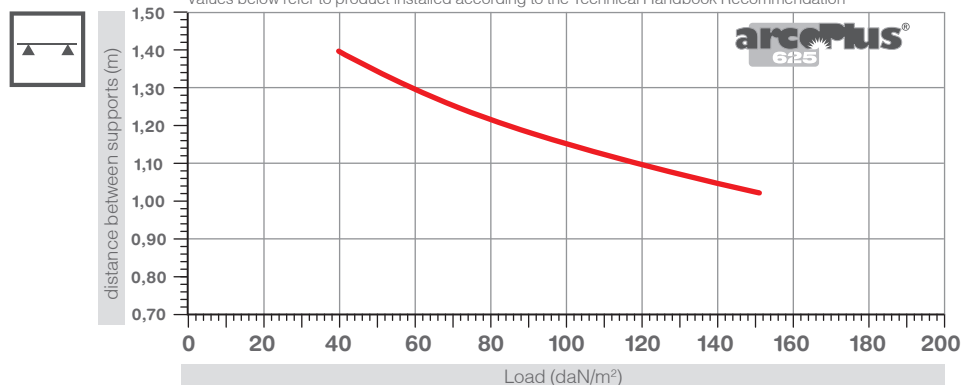


**4327**  
Additional sealing tape

## LOAD RESISTANCE

### Maximum loads on two supports

Values below refer to product installed according to the Technical Handbook Recommendation



## EASY AND LOW-COST INSTALLATION

The 20mm-thick, 5 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°.