

Modular system of UV protected multiwall polycarbonate for vertical window applications



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

667mm

# **TECHNICAL FEATURES**

Thermal insulation	1,7 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	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.



# 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.







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

Detail joint male-female

### LOAD RESISTANCE



### **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°.