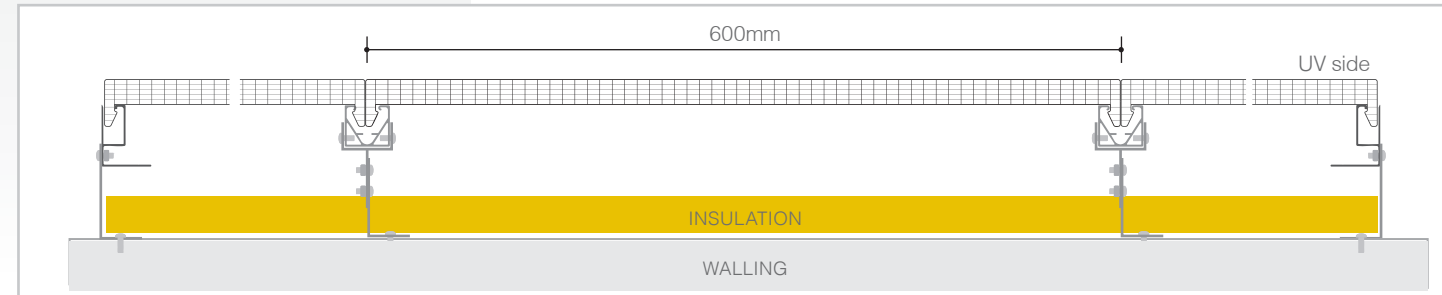


INTERLOCKING SYSTEMS

arcoPlus®
626 VENTILATED
Facade system



WALL SECTION



Modular connector system of UV protected multiwall polycarbonate for ventilated facades

PRODUCTION STANDARDS

Thickness	20mm
Structure	6 walls
Modular width	600mm
Panel length	no limits

TECHNICAL FEATURES

Thermal insulation	1,7 W/m²K
Acoustic insulation	20 dB
Linear thermal expansion	0,065mm/m°C
Temperature range	-40°C +120 °C
UV rays protection	2 sides coextrusion
Fire reaction EN 13501	EuroClass B-s1,d0

DESCRIPTION

arcoPlus®626 is a modular system of co-extruded, 6 walls polycarbonate panels with a thickness of 20mm. arcoPlus®626 is assembled using a click-on system to aluminum profiles, fixed to a wall, with the suitable brackets that ensure the flatness of the surfaces. It's a complete high energy performance system used for ventilated facades.

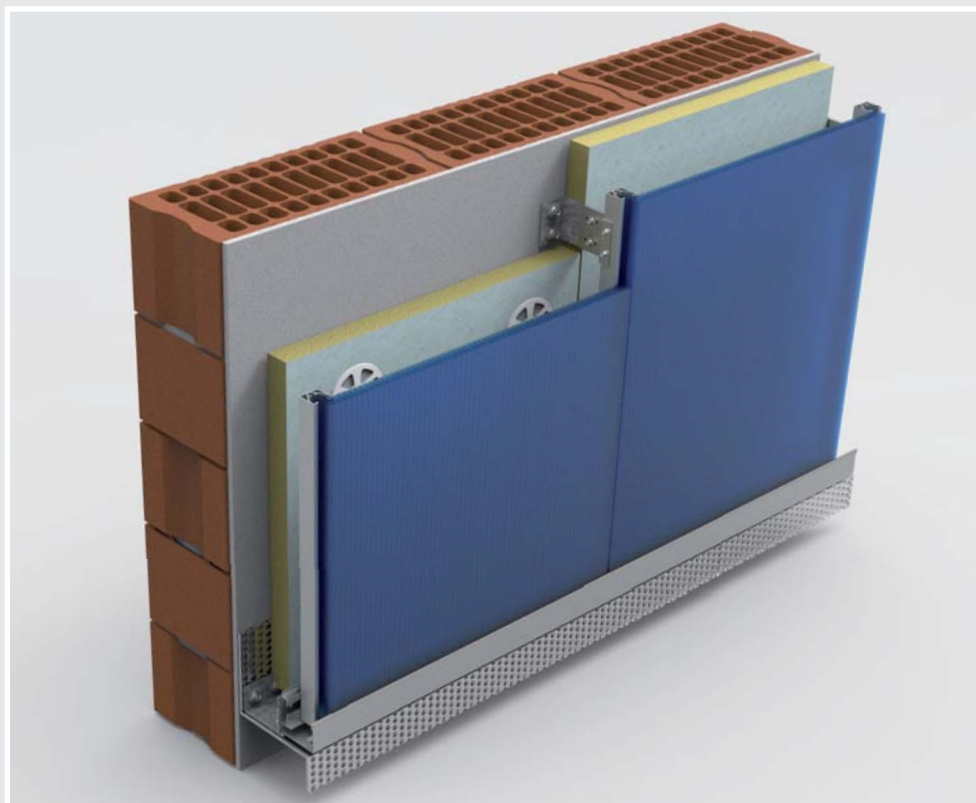


ADVANTAGES

- ❖ Easy and low-cost installation
- ❖ Light transmission
- ❖ Resistance to UV rays and to hail
- ❖ Heat insulation
- ❖ High load resistance

APPLICATIONS

- ▶ Ventilate facades
- ▶ Wall cladding

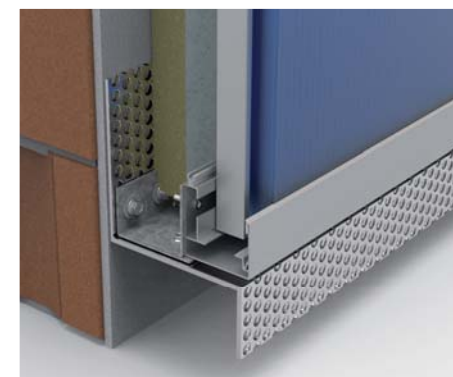
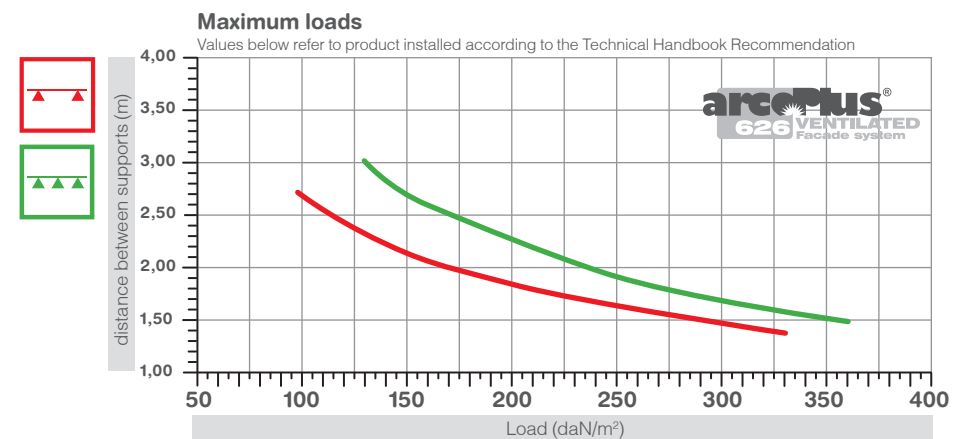


COMPLETE FACADE SYSTEM

The arcoPlus®626 Ventilated facade system meets the new parameters for the thermal insulation of the materials used for the outer wrapping. It is a system that includes all the perimeter and support elements, suitable to realize perfect assembly planes, even with big dimen-

sions. The particular treatments make it flexible in design and safe in use. A series of perimeter profiles and gaskets ensures the resistance to atmospheric agents.

LOAD RESISTANCE



BASE PROFILE
Base-side profile with frontal opening for the proper assembly and tightness of the system



JUNCTION PROFILE DETAIL
The interlocking of the panels arcoPlus®626 with the aluminum profile

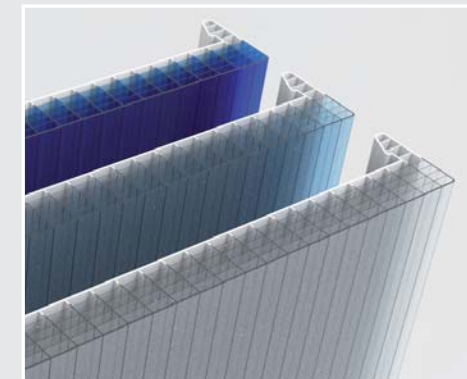
EASY AND LOW-COST INSTALLATION

The 6 walls design with tongue and groove connection gives the panels remarkable flexural strength, which allows the realization of vertical claddings of considerable dimensions without using section-breaker profiles.

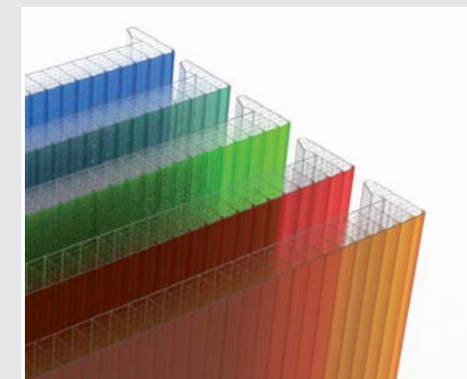
The snap anchoring system, applied with a series of accessories and aluminum perimeter profiles, ensures a water tight seal and considerable resistance to wind pressure.

ABSOLUT AR TREATMENT

The polycarbonate panels, used in the construction of ventilated facades, can be produced by the innovative system "Absolut AR", which gives the panel an opaque surface on the inside and a transparent surface on the outside. The product can be manufactured in a variety of colors based on the needs of the project.



ABSOLUT AR
Various examples of arcoPlus®626 for ventilated facade in a variety of colors



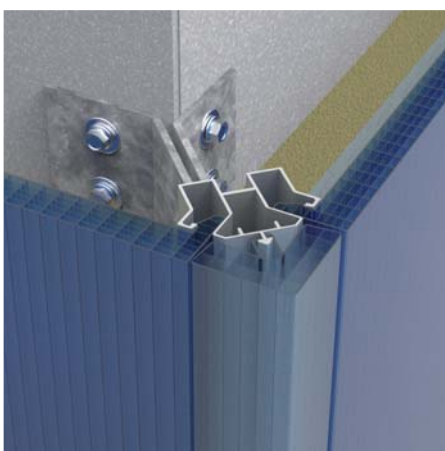
DUAL COLOR SYSTEM
The new dual color extrusion technology allows the replication of particular indoor settings by regulating light transmission



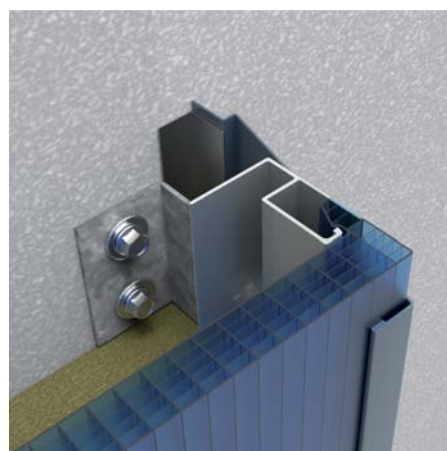
ACCESSORIES

The system includes a complete range of aluminum profiles for installing the panels. The air cells of the polycarbonate panels must be sealed using vented

aluminum tape. This permits correct ventilation and prevents soiling on the inside of the panels.

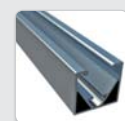


ANGLE DETAIL
The realization of the angle is ensured by special polycarbonate and aluminum profiles

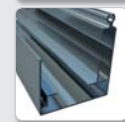


END PROFILE
The aluminum profile allows the completion of the cladding

ACCESSORIES



4243
Reinforced AL profile



4271
Base-side AL profile with frontal opening



4588
Corner AL profile



4589
End AL profile



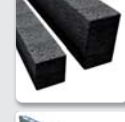
2180
End profile in polycarbonate



2550
Corner 90° polycarbonate profile



4260
Eclipse for connector 32mm



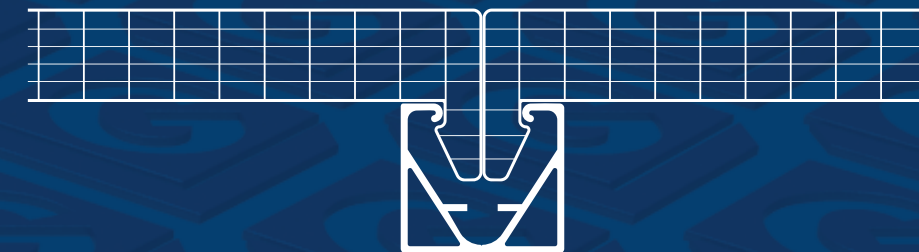
4213 dim. 40x35x580
4221 dim. 70x40x580
Pad PE-LD



4327
Additional tape

arcoPlus

626 VENTILATED Facade system



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Polycarbonate