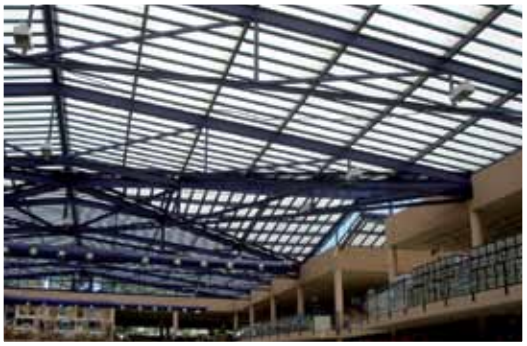
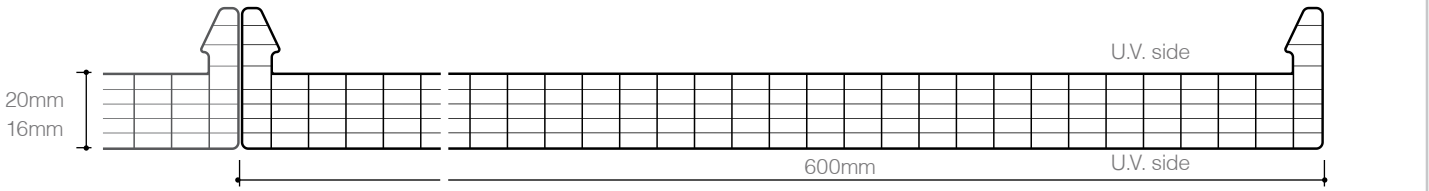
arcoPlus® Reversò 626 | 6166
20 mm 16 mm



PROFILE



Modular system of bi-protected multiwall polycarbonate for translucent roofing applications

Caleido
LIGHT MANAGEMENT

IR AR
PRODUCT AVAILABLE
WITH IR AND AR TREATMENT

PRODUCTION STANDARDS

Thickness	20mm | 16mm
Structure	6 walls
Effective modular width	600mm
Panel length	no limit
Colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	1,7 W/m²K | 1,8 W/m²K
Acoustic insulation	20 dB
Linear thermal expansion	0,065mm/m°C
Temperature range	-40°C +120 °C
U.V. rays protection	2 sides Coextrusion
Fire reaction EN 13501	EuroClass B-s1,d0

DESCRIPTION

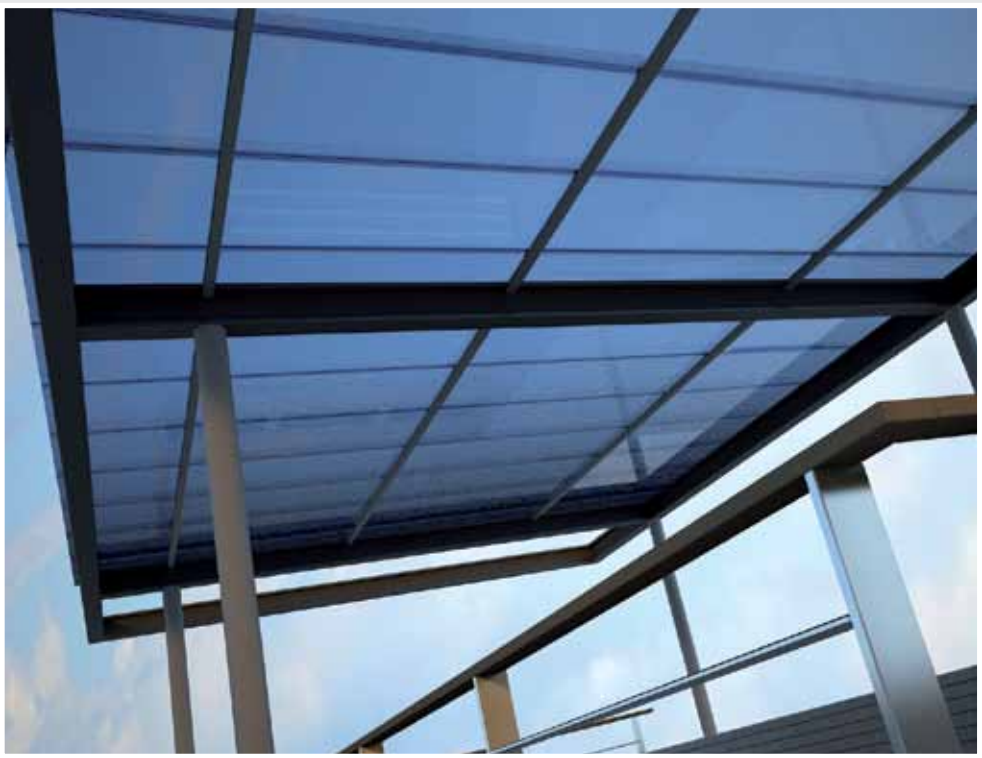
arcoPlus®626 reversò and arcoPlus®6166 reversò are modular systems of coextruded six-wall polycarbonate panels with a thickness of 20mm and 16mm.
These are fixed to the existing structure using specific anchor brackets. The panels are joined together by a protected polycarbonate cover plate assembled using a click-on system, or by an aluminium connector, for a perfectly watertight seal.

ADVANTAGES

- Easy and low-cost installation
- Light transmission
- Resistance to U.V. rays and to hail
- Heat insulation
- Bendability R.min=2,5m

APPLICATIONS

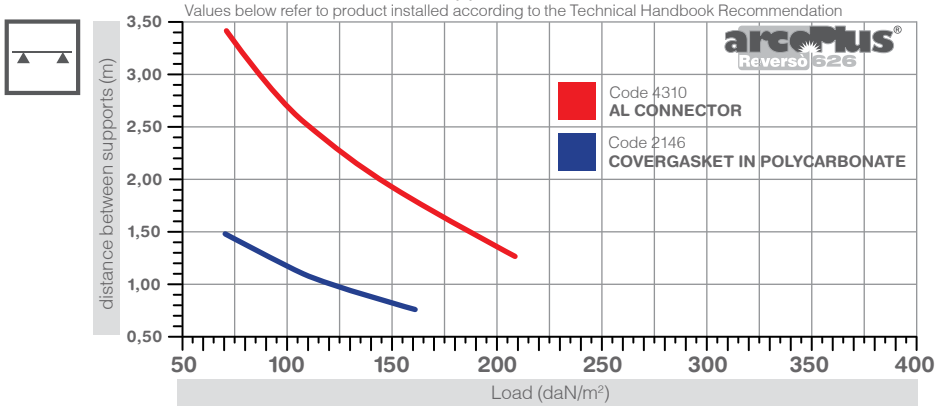
- Roofing
- Curved roofing
- Vertical windows



FLAT SYSTEM LOAD RESISTANCE

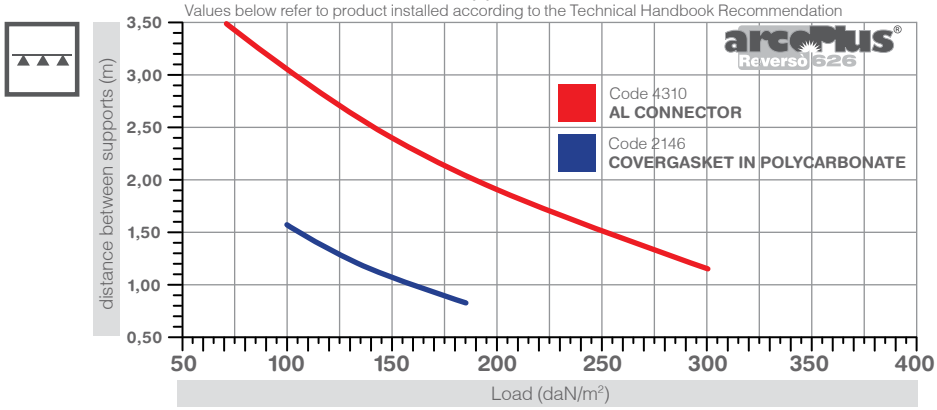
Maximum loads on two supports

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

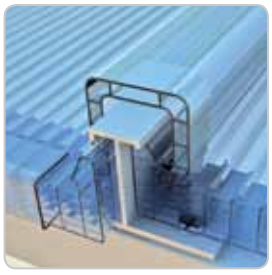


Maximum loads on more supports

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



SYSTEM WITH ALUMINIUM CONNECTOR CODE 4310



SYSTEM WITH POLYCARBONATE COVERGASKET CODE 2146

EASY AND LOW-COST INSTALLATION

To ensure compliance with snow load and negative wind load resistance requirements, anchor brackets should be fitted for each purlin.

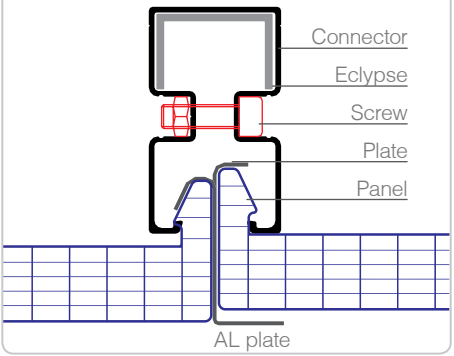
The polycarbonate panels are fastened to the underlying structure using specific brackets, which must be anchored to the purlins using suitable self-drilling/self-tapping screws (on metal structures) and tap bolts (for wooden structures). These screws and bolts are not supplied.

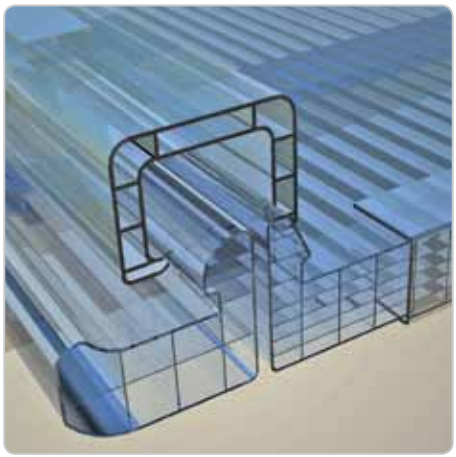
Different connector profiles can be used, depending on the required load specifications.

COMPLETE ROOFING SYSTEM

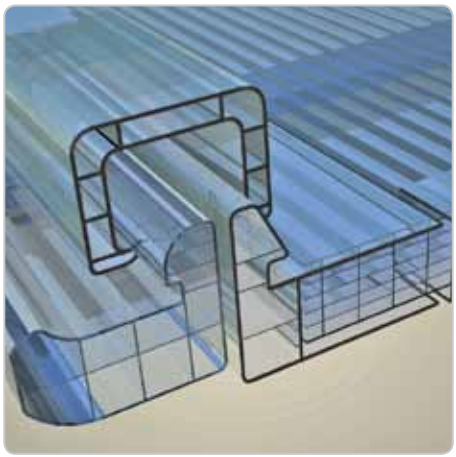
Modular multiwall polycarbonate panels for the construction of flat or curved roofing. The panels are anchored to the supporting structure using specific aluminium brackets to guarantee load strength. Depending on the load capacity values required, or the distance between the purlins of the underlying structures, either polycarbonate cover plates can be used or, for greater strength, aluminium connectors.

DETAIL
Fitting connector with screw

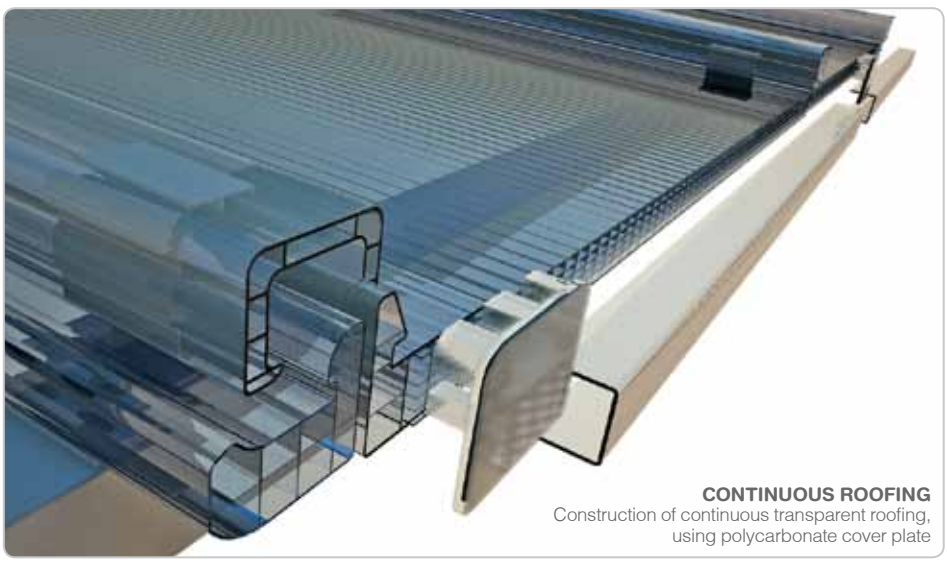




DETAIL OF START PROFILE
Start profile with panel, cover plate, plate and air cell cover profiles



DETAIL OF END PROFILE
Detail of insertion of section-breaker profile to complete roofing



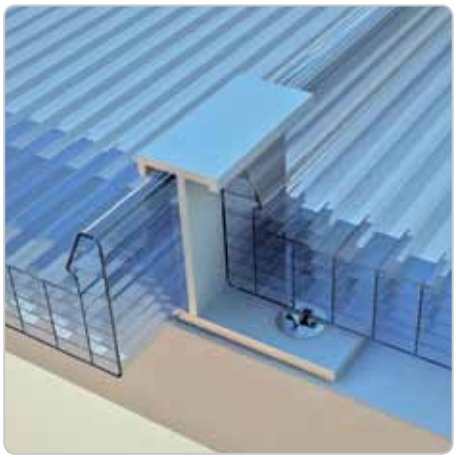
CONTINUOUS ROOFING
Construction of continuous transparent roofing, using polycarbonate cover plate

info@gallina.it

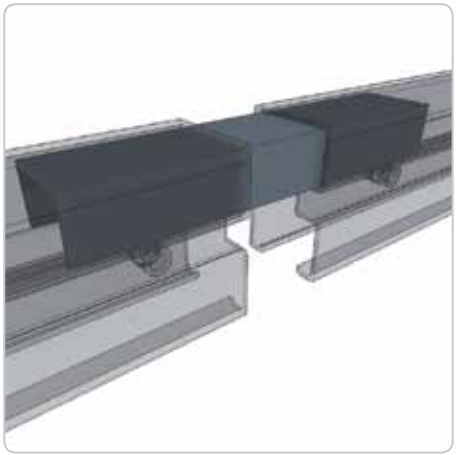


ACCESSORIES

The arcoPlus® system includes a complete range of accessories to facilitate installation.
The air cells of the panels must be sealed using a specific polycarbonate profile or vented aluminium breather tape. This allows correct ventilation and prevents soiling on the inside.



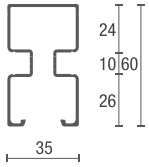
DETAIL OF ANCHORAGE
Profiles anchored to supporting structures using aluminium plates



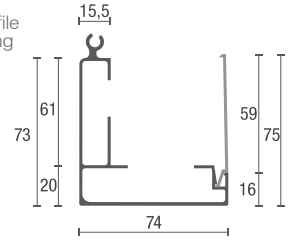
CONNECTOR JOINT
AL connector profiles with eclypse

METAL PROFILES

code 4310
Connector AL
profile with screw



code 4271
Base-side AL profile
with frontal opening



code 4252
Closing
support in AL

4329
Sealing tape PE-LD
4x15mm

4316 M6 nut
4315 M6 x 20 screw
Accessories for connector

2182
Block cover

4327
Additional tape

4678/600 th.20mm
Block cover AL 20
Reverso

ACCESSORIES

4303
Covergasket
stopper

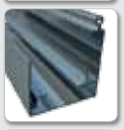
2146
Covergasket
in polycarbonate

2282
Double connector
in polycarbonate

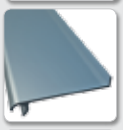
2179
Start profile
in polycarbonate

2180
End profile
in polycarbonate

4310
Connector AL
profile with screw



4271
Base-side AL profile
with frontal opening



4252
Closing
support in AL

4319/200
AL eclypse
for connector

4328
AL plate

4264
Stainless steel plate
for vertical connection

4263
Stainless steel plate
for flat connection

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

4318
Pad PE-LD
for connector