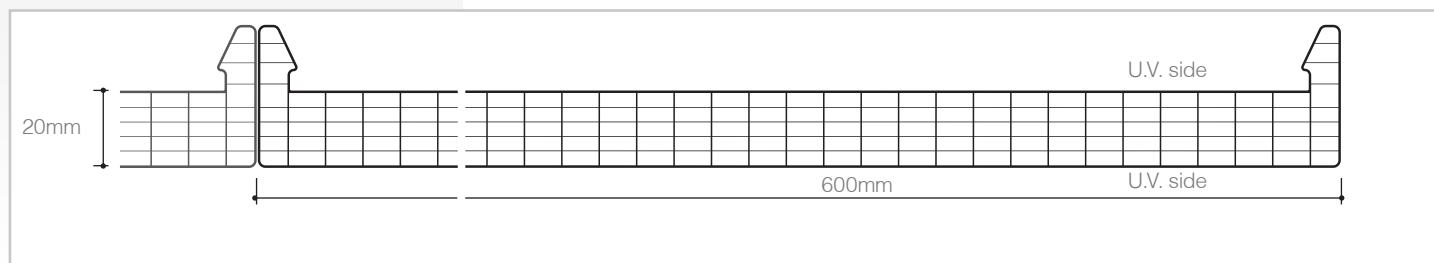


PROFILE



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



LIGHT MANAGEMENT



PRODUCT AVAILABLE
WITH IR AND AR TREATMENT

PRODUCTION STANDARDS

thickness	20mm
structure	6 walls
effective modular width	600mm
panel length	no limit
colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	1,7 W/m ² K
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 is a modular system of coextruded six-wall polycarbonate panels with a thickness of 20mm.

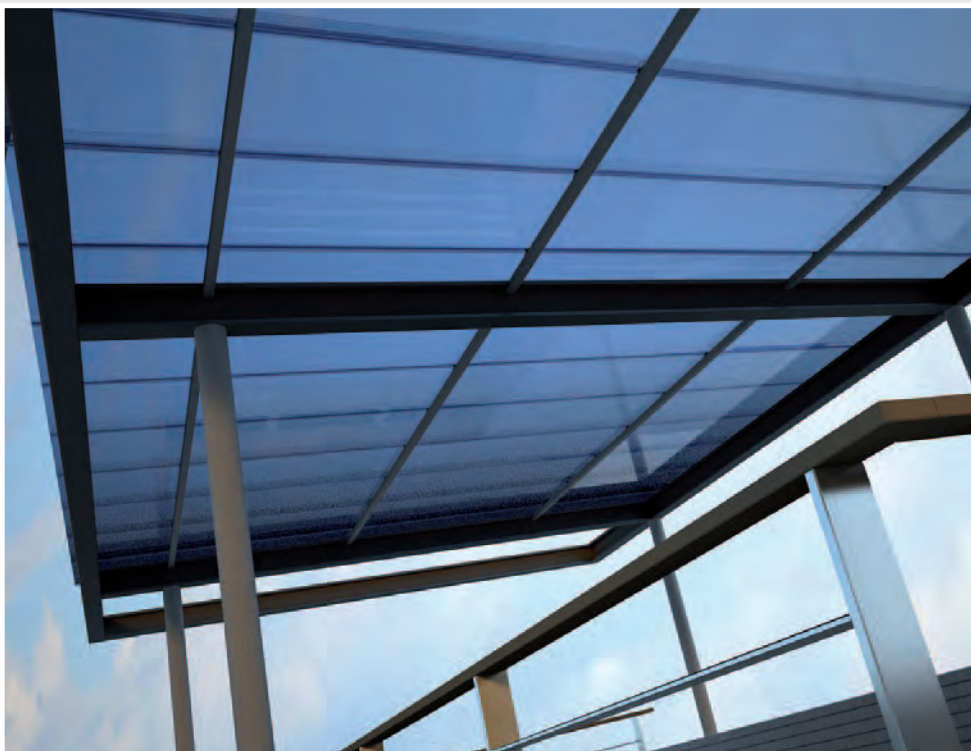
These are fixed to the existing structure using specific anchor brackets. The panels are joined together by a protected polycarbonate cover plate assembled using a click-on system, or by an aluminium connector, for a perfectly watertight seal.

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
- Bardages verticaux

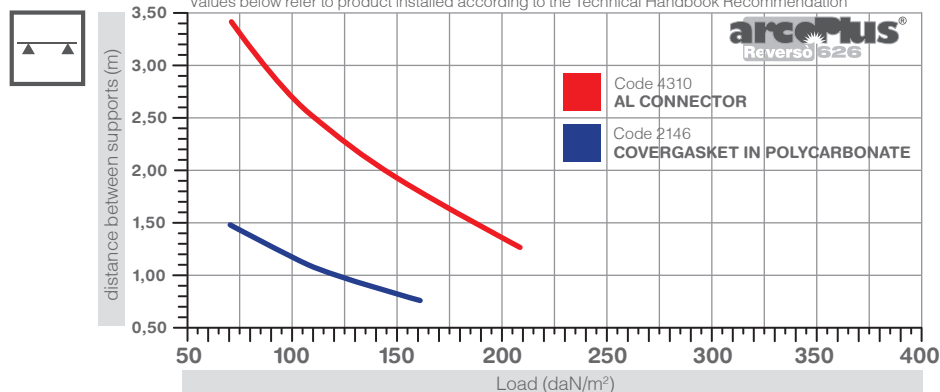




FLAT SYSTEM LOAD RESISTANCE

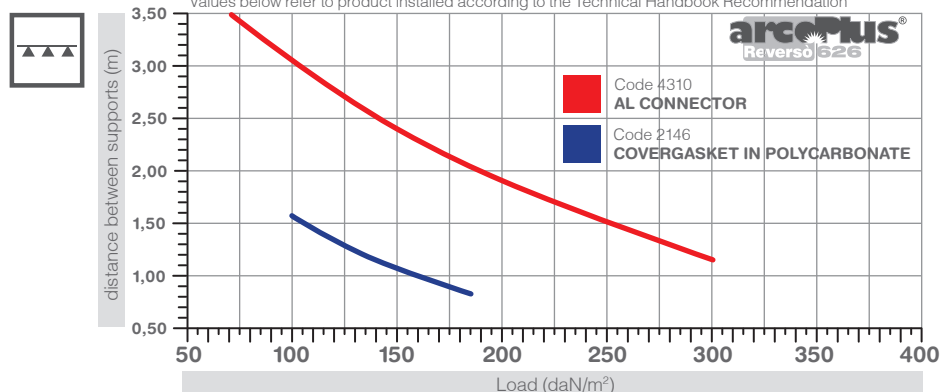
Maximum loads on two supports

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**

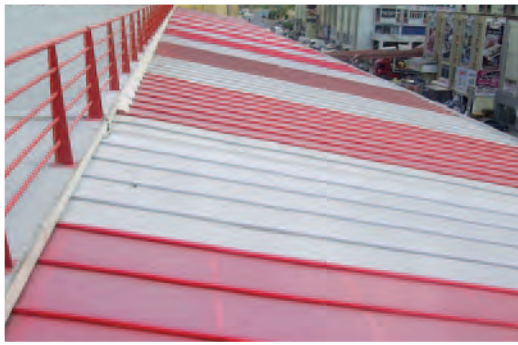
EASY AND LOW-COST INSTALLATION

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

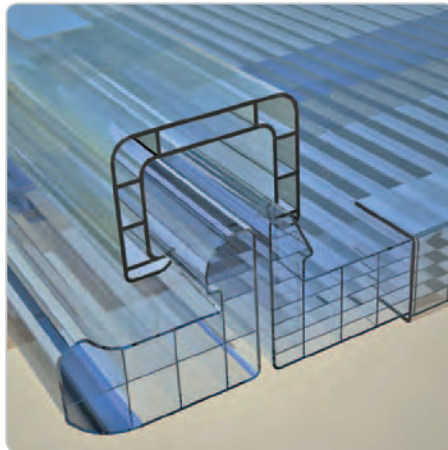
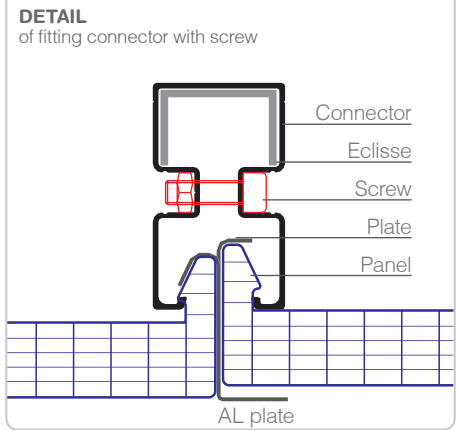
metal structures) and tap bolts (for wooden structures). These screws and bolts are not supplied.

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

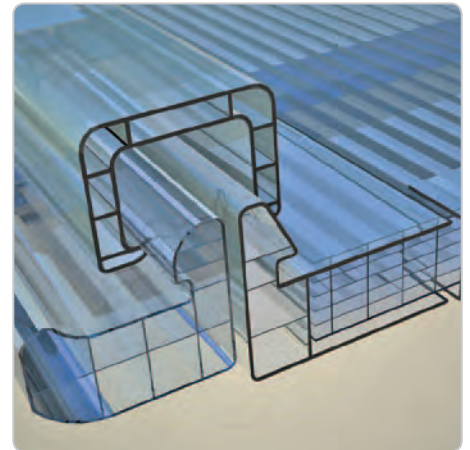


COMPLETE ROOFING SYSTEM

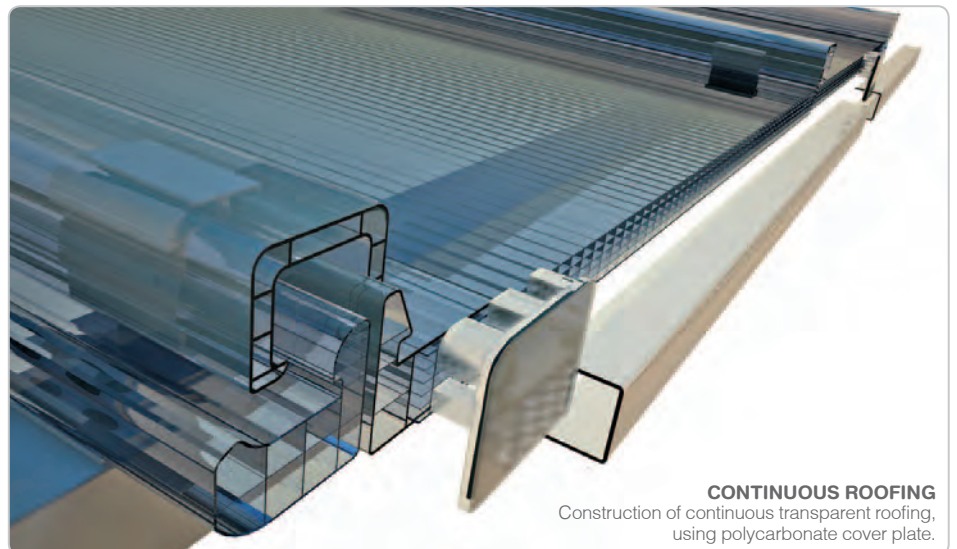
Modular multiwall polycarbonate panels for the construction of flat or curved roofing. The panels are anchored to the supporting structure using specific aluminium brackets to guarantee load strength. Depending on the load capacity values required, or the distance between the purlins of the underlying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



DETAIL 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.



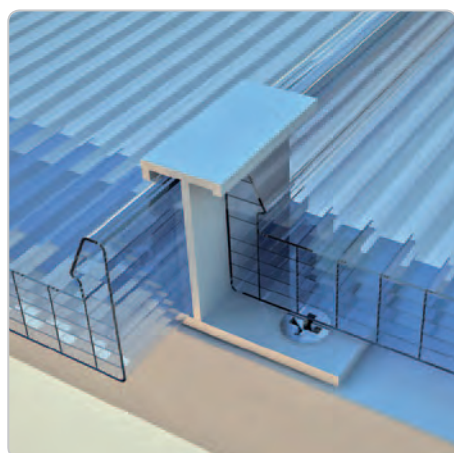
CONTINUOUS ROOFING
Construction of continuous transparent roofing, using polycarbonate cover plate.



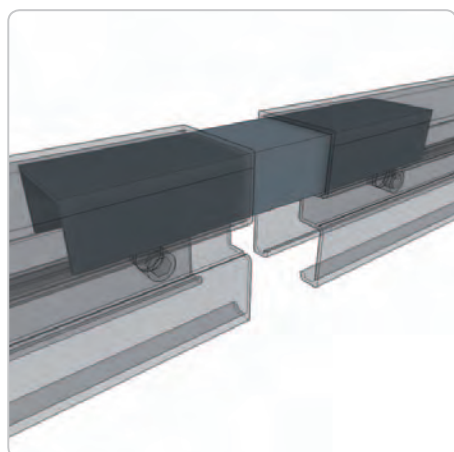
ACCESSORIES

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.



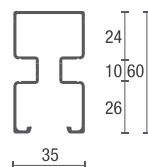
DETAIL OF ANCHORAGE
Profiles anchored to supporting structures using aluminium plates.



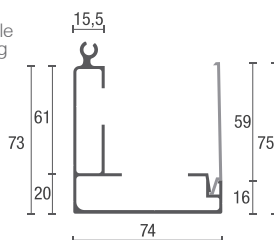
CONNECTOR JOINT
AL connector profiles with eclipse.

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
Guarnizione PE-LD
4x15mm



4316 M6 nut
4315 M6 x 20 screw
Accessories for connector



2182
Block cover



4327
Additional tape



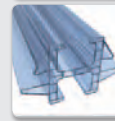
ACCESSORIES



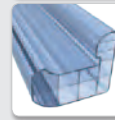
4303
Covergasket
stopper



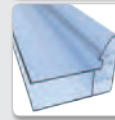
2146
Covergasket
in polycarbonate



2282
Double connector
in polycarbonate



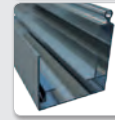
2179
Start profile
in polycarbonate



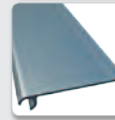
2180
End profile
in polycarbonate



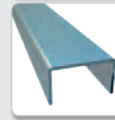
4310
Connector AL
profile with screw



4271
Base-side AL profile
with frontal opening



4252
closing
support in AL



4319/200
AL eclipse
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