

### PRODUCTION STANDARDS

Thickness	16mm
Structure	6 walls
Effective modular width	600mm
Panel length	no limit

### TECHNICAL FEATURES

Thermal insulation	1,62 W/m <sup>2</sup> 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	EuroClass Bs1 d0

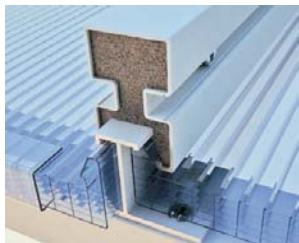
### DESCRIPTION

ArcoPlus® 6166 reversò is a modular system of co-extruded six-wall polycarbonate panels with a thickness of 16 mm.

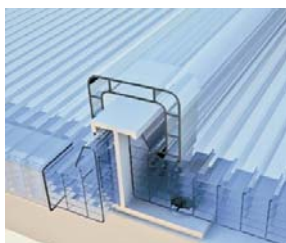
These are fixed to the existing structure using specific anchor brackets. The panels are joined together by a protected polycarbonate connector assembled using a click-on system, or by an aluminium connector, for a perfectly watertight seal.

### OPTICAL PROPERTIES

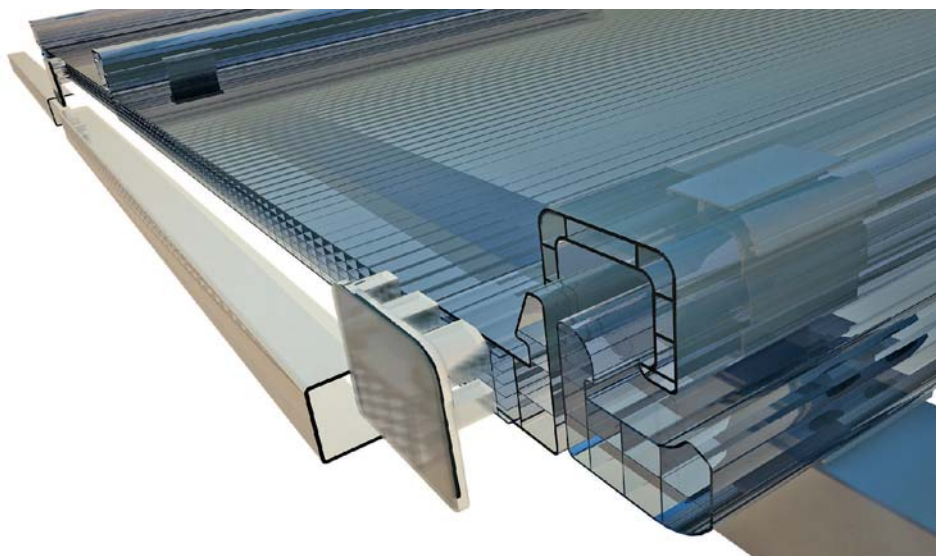
	Light Transmission (LT)%	Solar Factor (SF) %	Shading Coeff. (SC)%
Crystal	65	68	0,78
Bronze	45	50	0,57
Opal	40	48	0,55



System with aluminium connector



System with polycarbonate covergasket



### CONTINUOUS ROOFING

Construction of continuous transparent roofing, using polycarbonate cover plate.

Multicell polycarbonate panel for translucent roofing applications.  
2 U.V. side protected

### ADVANTAGES

- Easy and low-cost installation
- Free thermal expansion
- Light transmission
- Resistance to U.V. rays and to hail storm
- Thermal insulation  
U: 1,62 W/m<sup>2</sup>K
- High load resistance
- Cold bending Min.R. = 2,9m
- 10 Year limited warranty
- No silicone on Rubber gasket
- 100% Leak proof

### APPLICATIONS

Roofing



Curved roofing

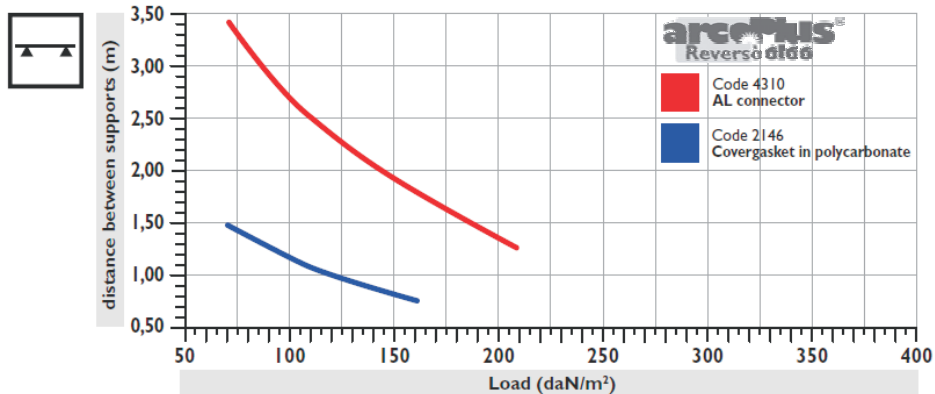




## FLAT SYSTEM LOAD RESISTANCE

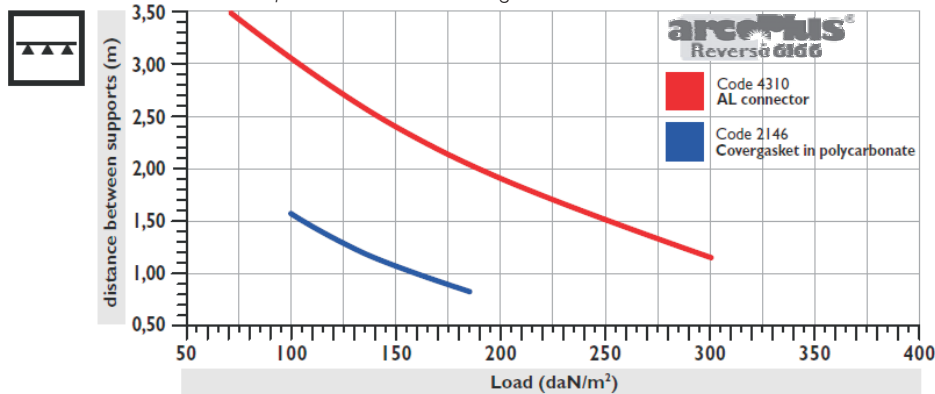
Maximum loads on two supports

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



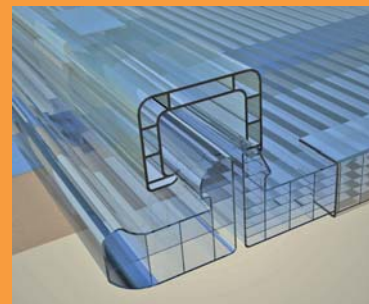
Maximum loads on two supports

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



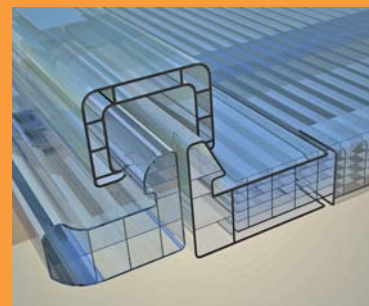
### DETAIL OF START PROFILE

Start profile with panel, cover plate, plate and air cell cover profiles.



### DETAIL OF END PROFILE

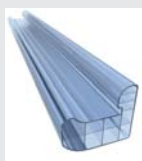
Detail of insertion of section-breaker profile to complete roofing.



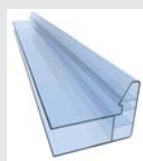
**code 4303**  
Covergasket stopper



**code 2146**  
Covergasket in polycarbonate



**code 2360**  
Start profile in polycarbonate



**Code 2365**  
End profile in polycarbonate



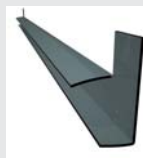
**code 4401**  
AL plate



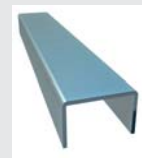
**Code 4310**  
Connector AL profile with screw



**Code 4318**  
Pad PE-LD for connector



**Code 2182**  
Block cover



**code 4319/200**  
AL eclipse for connector



**code 4316 dado M6**  
**code 4315 vite M6 x 20**  
Accessories for connector



**code 4327**  
Additional tape



**dott. gallina s.r.l.**

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## ACCESSORIES