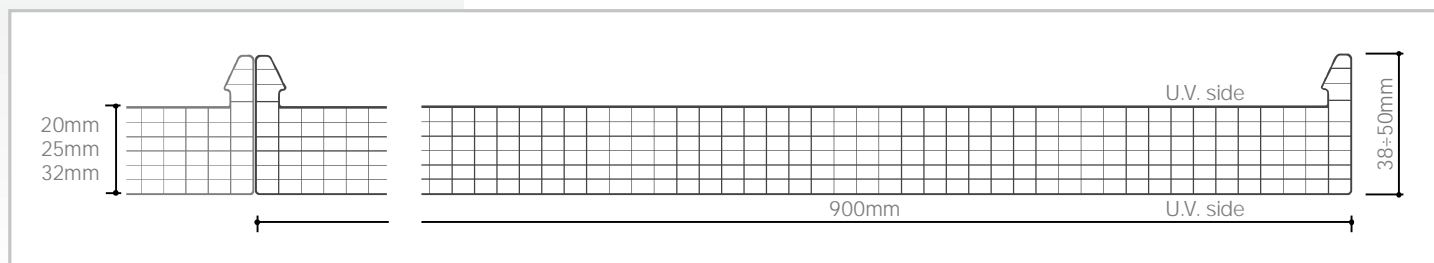


## 2.2 MODULAR CONNECTOR SYSTEMS

**arcoPlus®**  
Reverso 9207 | 9257 | 9327  
20mm | 25mm | 32mm



### PROFILES



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



### SPECIAL TREATMENT

### PRODUCTION STANDARDS

Thickness	20-25-32mm
Structure	7 walls
Effective modular width	900mm
Panel length	no limit
Colours available	see page 11

### TECHNICAL FEATURES

Thermal insulation	1,7-1,4-1,3 W/m <sup>2</sup> K
Acoustic insulation	20 dB (9207-9257) 21 dB (9327)
Linear thermal expansion	0,065mm/m°C
Temperature range	-40°C +120 °C
U.V. rays protection	2 sides Coextrusion
Fire reaction EN 13501-1	EuroClass B-s1,d0



### DESCRIPTION

arcoPlus® 9207-9257-9327 reversò are three modular systems consisting of co-extruded 7 walls polycarbonate panels with thicknesses of 20-25 or 32mm with 900mm module. 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 = 4,0m

### APPLICATIONS

-  Translucent roofing
-  Curved roofing

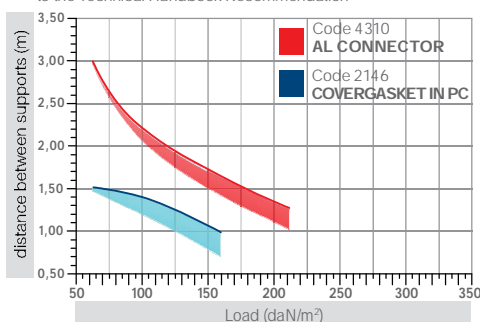




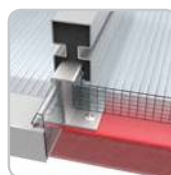
## FLAT SYSTEM LOAD RESISTANCE

### Maximum loads on two supports

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



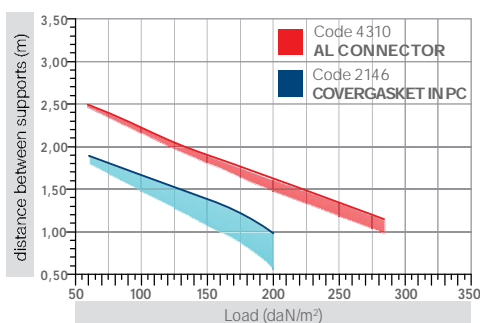
Cod. 2146  
POLYCARBONATE  
COVERGASKET



Code 4310  
ALUMINIUM  
CONNECTOR

### Maximum loads on more supports

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



**arcoPlus®**  
**SERIE 900**

9327 th.32mm  
9257 th.25mm  
9207 th.20mm

#### NOTE

The capacity curves show the minimum and maximum value according to the type of coupling used. This data refers to the value of the load resistance for the various thicknesses.

— th.32mm  
— th.20mm  
— th.32mm  
— th.20mm

## 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.

## 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.

## ACCESSORIES



**4303**  
Covergasket  
stopper



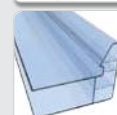
**2146**  
Covergasket  
in polycarbonate



**2282**  
Double connector  
in polycarbonate



**2179** th.20 mm  
**2714** th.25 mm  
**2710** th.32 mm  
Start profile in polycarbonate



**2180** th.20 mm  
**2716** th.25 mm  
**2712** th.32 mm  
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** th.20 mm  
**4710** th.25 mm  
**4712** th.32 mm  
AL plate



**4465** dim. 35x40x875  
**4476** dim. 70x40x870  
Pad PE-LD



**4318**  
Pad PE-LD  
for connector



**4316** M6 nut  
**4315** M6 x 20 screw  
Accessories for connector



**4678/900/TR** th.20mm  
**4734/900/TR** th.25mm  
**4736/900/TR** th.32mm  
Block cover AL Reverso