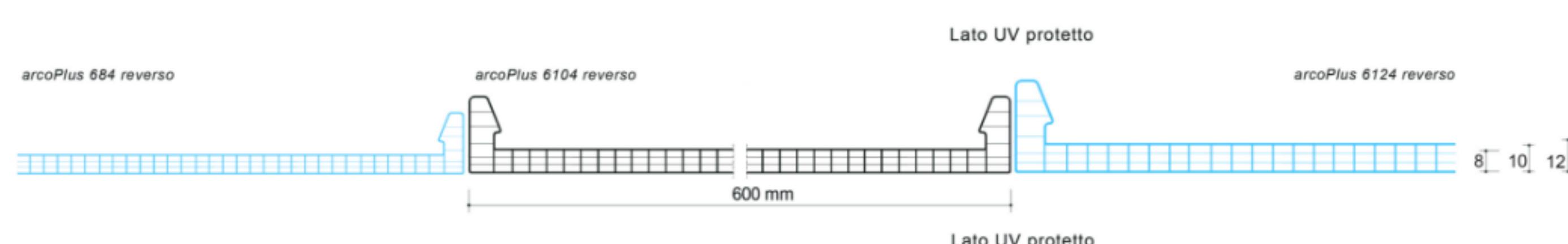
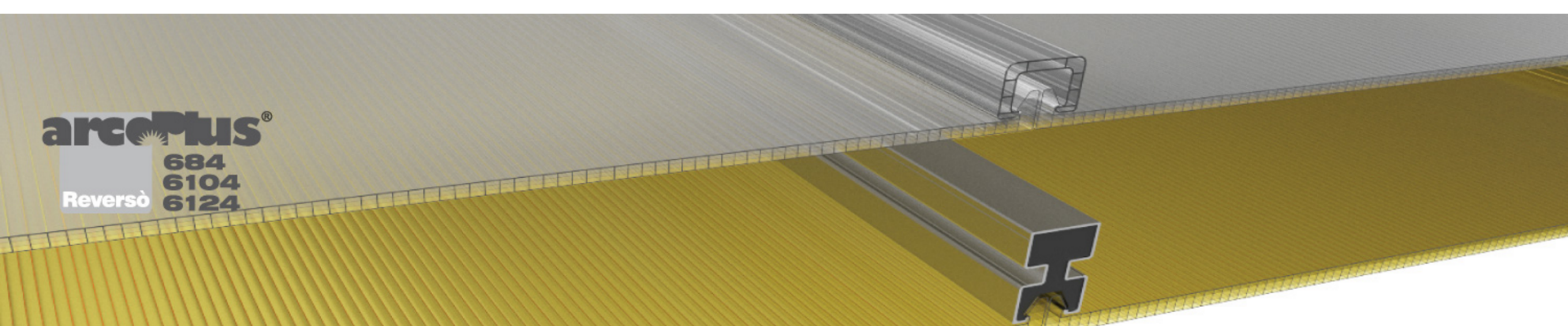


arcoPlus®684/6104/6124 Reversò



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

arcoPlus®684-6104-6124 reversò are three modular systems consisting of 4 walls polycarbonate panels with UV protection on two sides and thicknesses of 8-10-12mm. They are anchored to the existing structures using specific anchor brackets. The panels are joined together using a protected polycarbonate or aluminium cover plate profile assembled using a click-on system to guarantee a perfectly watertight seal.



Features

Advantages

- ✓ Easy and low-cost installation
- ✓ Light transmission
- ✓ Resistance to UV rays and to hail
- ✓ Thermal insulation
- ✓ Minimum bend radius 2.0m

Applications

- ☑ Roofing
- ☑ Curved roofing

Production standards

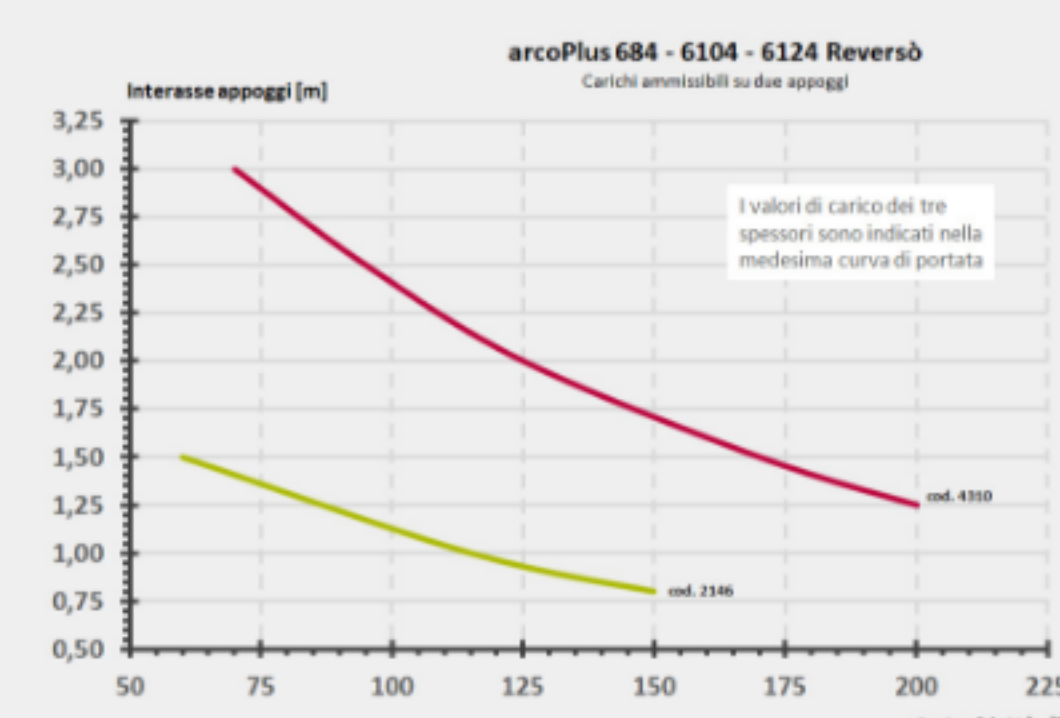
Thickness	8-10-12mm
Structure	4 walls
Effective modular width	600mm
Panel length	No limits
Available colors	See page 11

Features

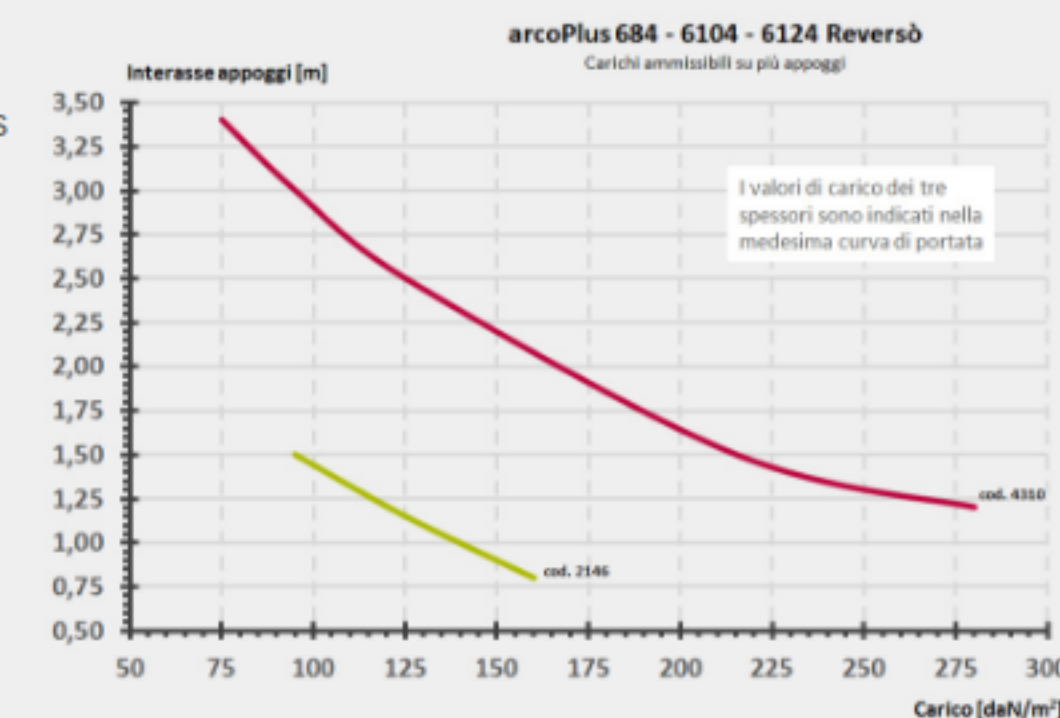
Thermal insulation	3.3 - 3.0 - 2.7 W/m²K
Acoustic insulation	18 dB (sp.8-10mm) 19dB (sp.12mm)
Linear thermal expansion	0,065mm/m°C
Temperature range	-40°C +120 °C
U.V. rays protection	
Fire reaction EN 13501-1	EuroClass B-s1,d0

Load resistance

Two supports



Multi supports



Certifications



Document technique application N°514-2347 published on 28/05/2015

Special treatments



Joint profiles



System with polycarbonate covergasket
cod.2146

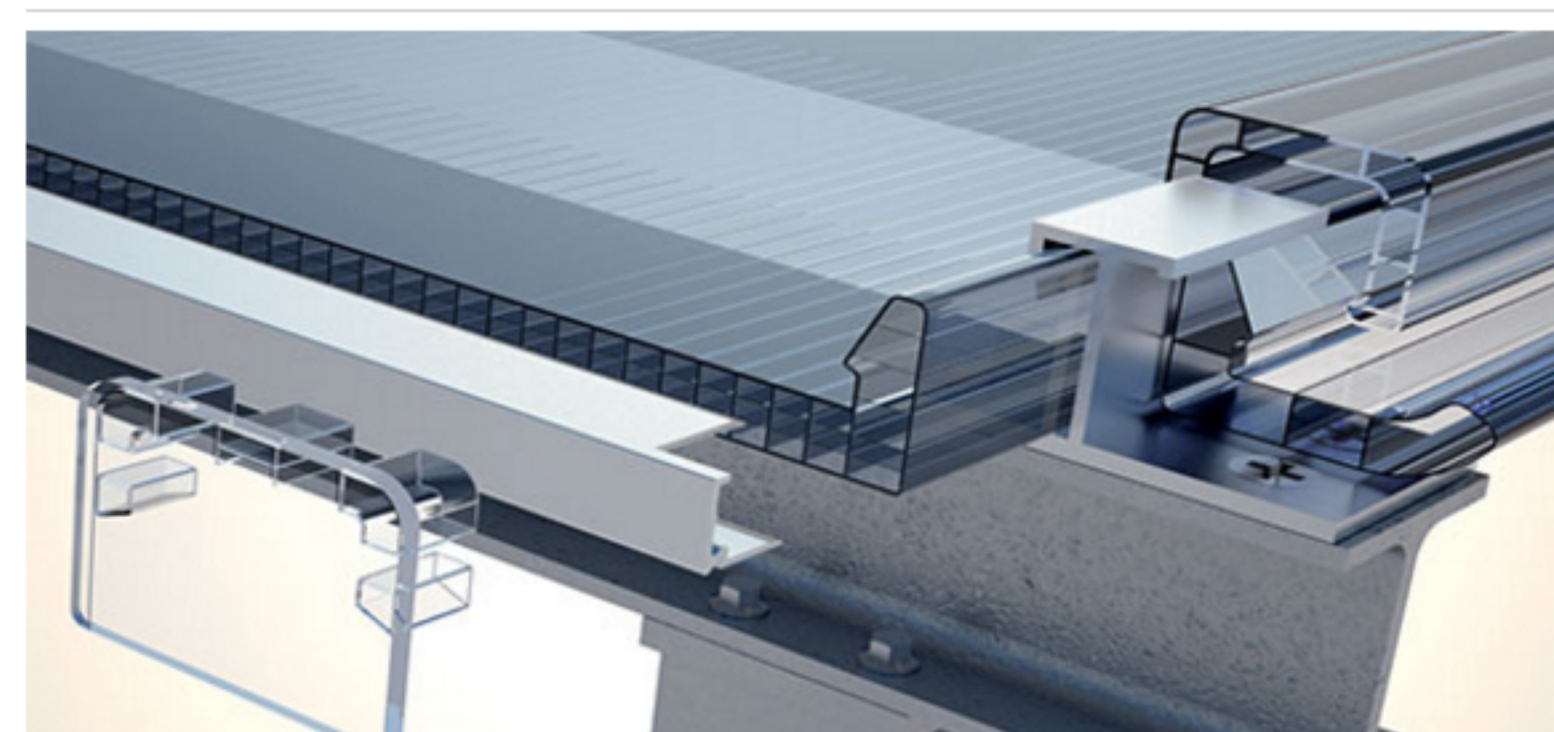


System with aluminium connector
cod.4310

Easy 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.

Assembly details



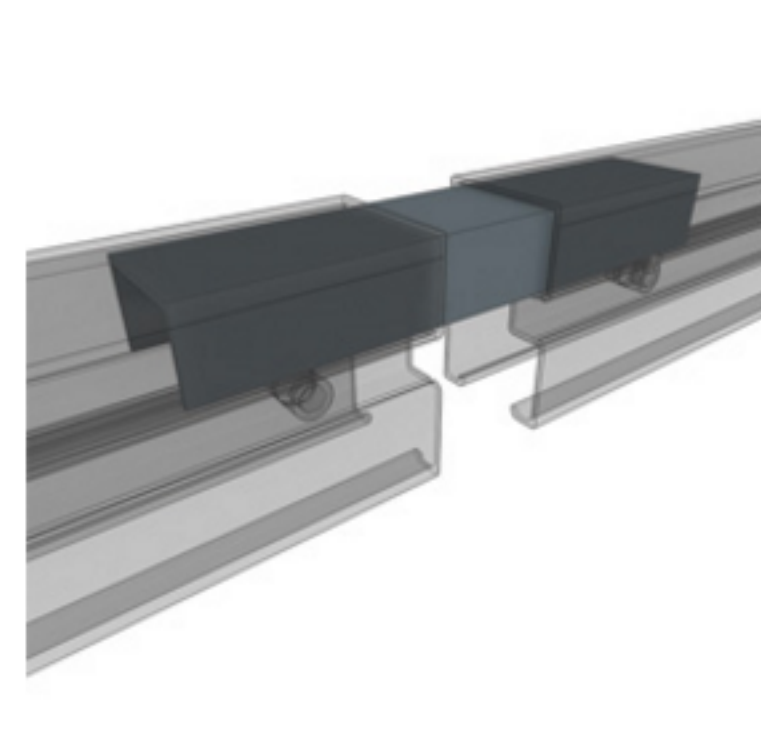
Start profile with panel, cover plate, plate and air cell cover profiles



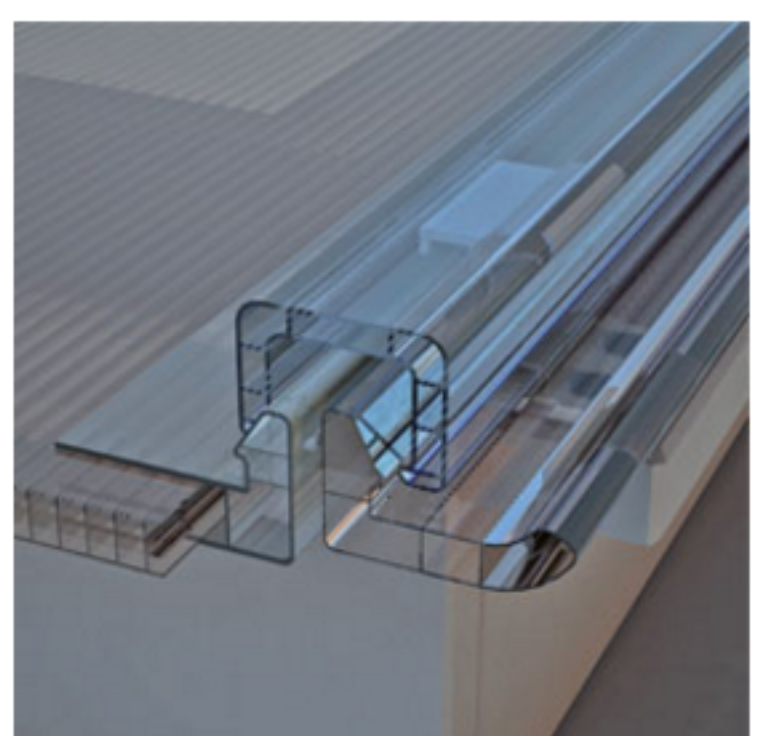
Example of roofing with polycarbonate cover plate



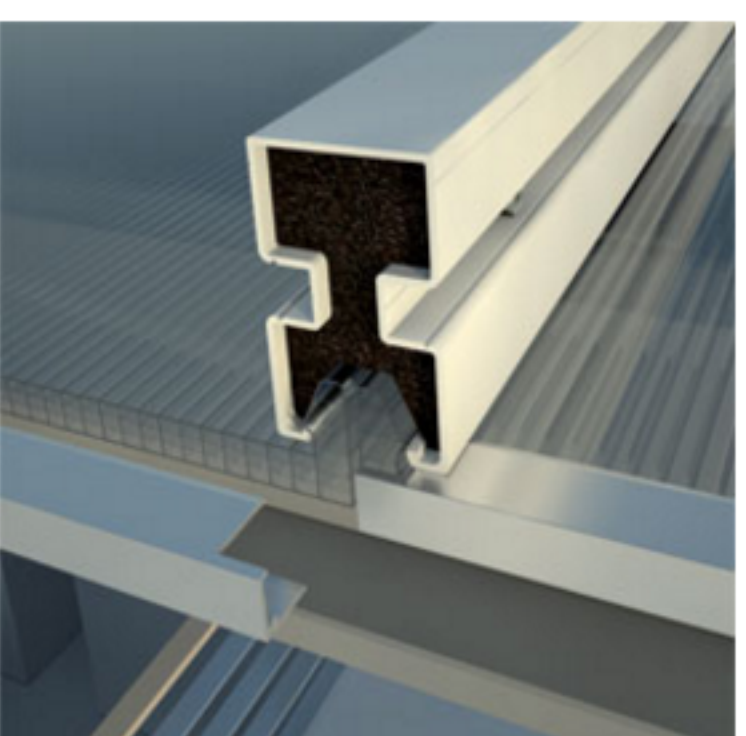
Detail of insertion of start profile on roof plate



AL connector profiles with eclipse

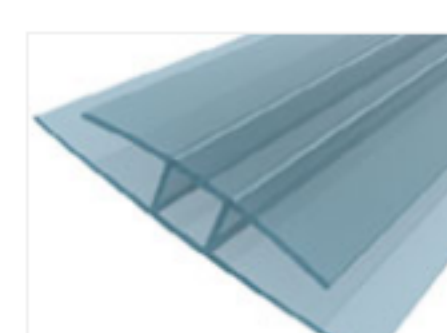


Detail of insertion of section-breaker profile to complete roofing

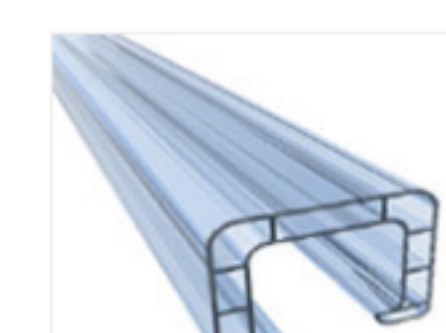


Use of aluminium joint screwed down and end closed with PE-LD pad

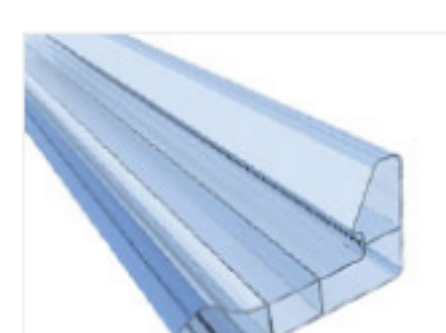
Accessories



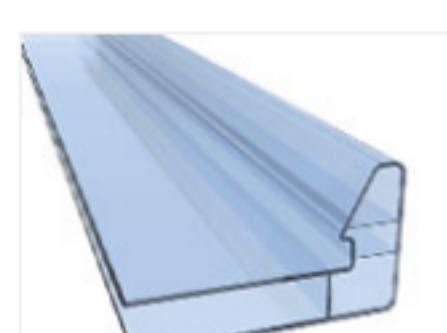
cod. 1164
Profiles "H" U.V. protected, th. 10mm



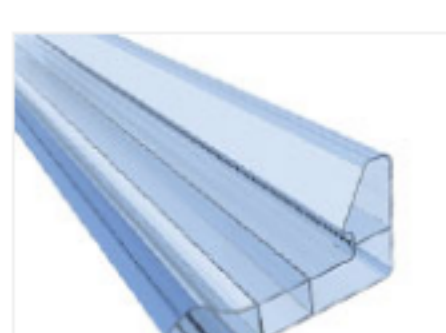
cod. 2146
Covergasket in polycarbonate



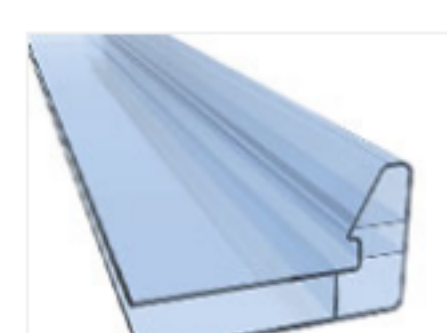
cod. 2147
Start profile 684-6104 in polycarbonate th. 8 mm



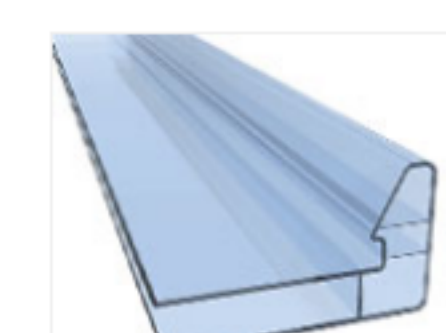
cod. 2148
End profile in PC, th. 8mm



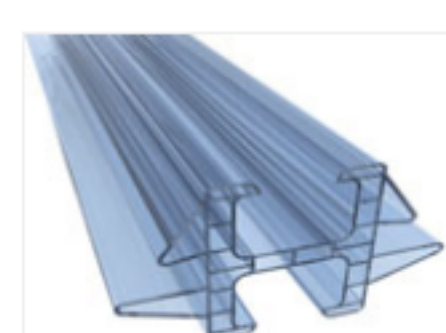
cod. 2245
Start profile 684-6104 in polycarbonate th. 12 mm



cod. 2250
End profile in PC, th. 12mm



cod. 2265
End profile in PC, th. 10mm



cod. 2282
Double connector in polycarbonate



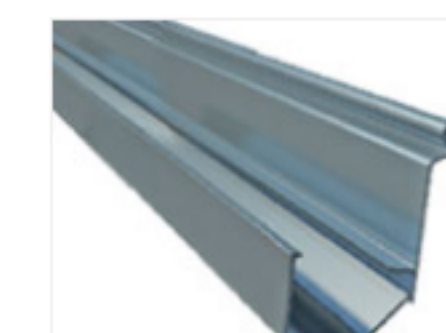
cod. 4138
Inox plate for plane anchorage



cod. 4213
Pad PE-LD, dim. 40x35x580



cod. 4221
Pad PE-LD, dim. 70x40x570



cod. 4245
U-shaped closing support in AL



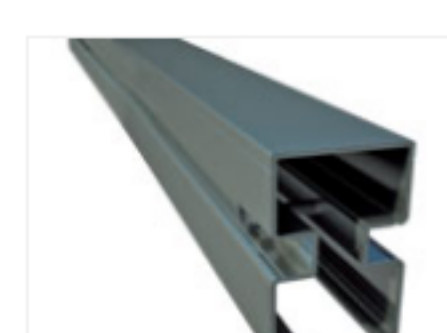
cod. 4252(+4271)
Closing support in AL



cod. 4264
Stainless steel plate for vertical connection



cod. 4303
Covergasket stopper



cod. 4310
Connector AL profile with screw



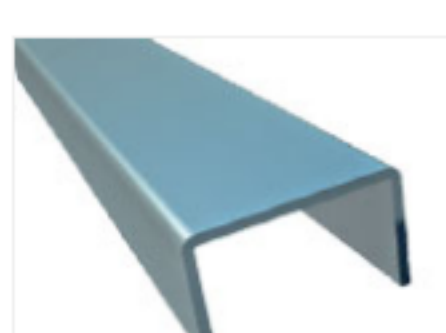
cod. 4315
Skrew M6 x 20



cod. 4316
Dice M6



cod. 4318
Pad PE-LD for connector



cod. 4319/200
AL eclipse for connector



cod. 4326
AL plate th. 8mm



cod. 4327
Additional tape th. 8-20mm



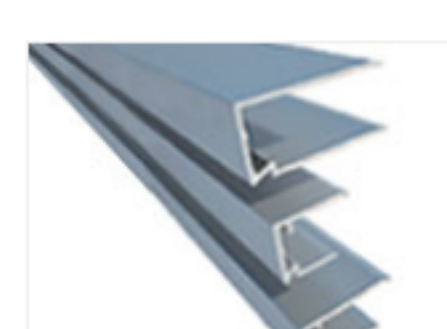
cod. 4329
Sealing tape PE-LD 4x15mm



cod. 4350
AL plate th. 10mm



cod. 4355
AL plate th. 12mm



cod. 4675/600, 4676/600, 4677/600
Block cover AL profile