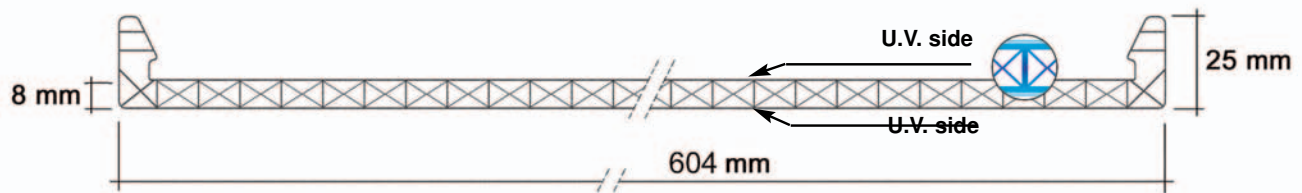


arcoPlus® 684x REVERSÒ

Modular panel of U.V. bi-protected multiwall polycarbonate for roofing and translucent windows

arcoPlus®684x reversò is a modular system of quadruple wall, 8mm thick, coextruded polycarbonate panels, with a 604mm module, fastened to existing structures via purpose built stainless steel brackets. Panels are integrated between them with a profile covered in protected polycarbonate, assembled using a click-on system.



SPECIFICATIONS

Covering made with modular multi wall coextruded polycarbonate panels (protected U.V. on both side), 8+25mm thick. Thermal transmission coefficient $K=2,7 \text{ W/m}^2\text{K}$, obtained through air chambers inside the panel (minimum 4) finished with protected polycarbonate covergaskets, assembled using a click-on system.

PRODUCTION STANDARDS

Thickness	8+25 mm / 5/16"+1"
Structure	4 walls
Modular width	604 mm / 23.68"
Panel length	No limits

TECHNICAL FEATURES

UV rays protection	2 SIDES COEXTRUSION	
Thermal transmittance	$U = 0.475$; $R = 2.11$	
Linear thermal expansion	1/8" per 3' per 100°	
Use temperature	-40° F +248° F	
Fire reaction	ASTM-D-635-98:ZERO (0)	
Colour	Light transmission	Solar Factor
Satin Crystal	72 %	72 %
Satin Opal	47 %	58 %
Satin Bronze	50 %	58 %

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

MAX LOAD ON MULTIPLE SUP-



Admitted rise 1/50 of the span

Distance between supports (mm)	Loads (daN/mq)
1.500 / 59"	90 / 19 pcf
1.000 / 39"	130 / 27 pcf

"ADVANTAGES"

- **BENDABILITY**
The elements bend perfectly until a bending radius of 2,5 metres / 98".
- **EASY AND LOW-COST INSTALLATION**
- **LIGHT TRANSMISSION**
- **SOLAR FACTOR**
- **RESISTANCE TO UV RAYS AND TO HAIL**
- **HEAT INSULATION**
(See section "general characteristic of product" page 6/7)

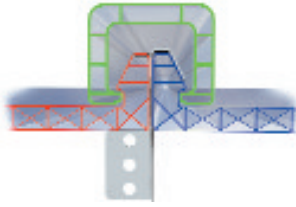
COLOUR	cod.
arcoPlus®684x reversò	
Satin Crystal	
2157/5028	

EASY AND LOW-COST INSTALLATION

arcoPlus®684x reversò can be used for curved as well as flat roofing, ensuring a water tight seal even with a minimal slope.

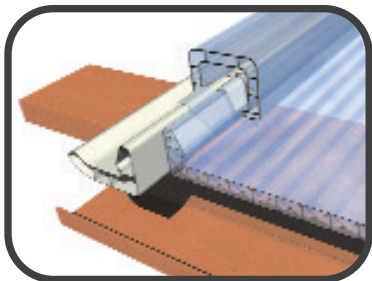
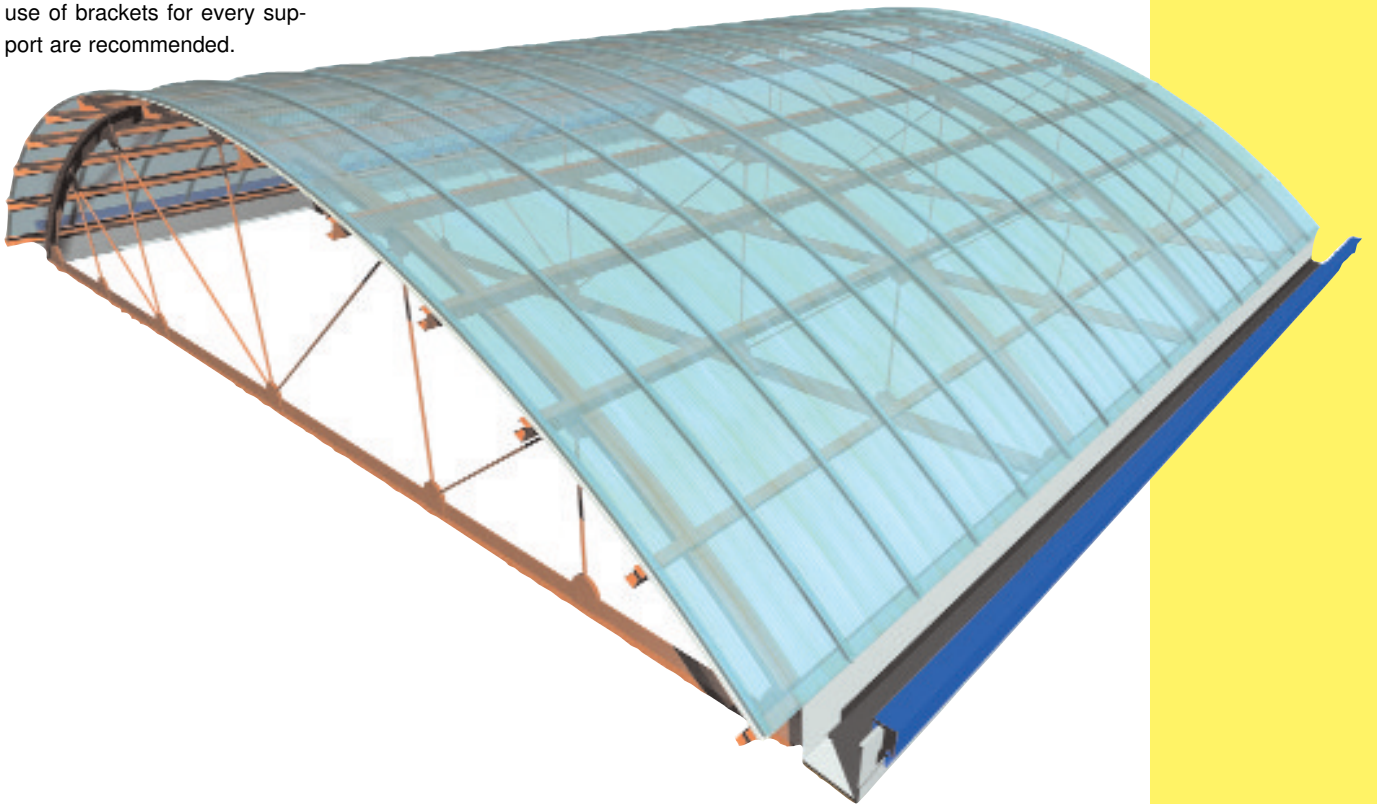
In order to ensure a snow seal and resistance to lack of pressure, a support wheelbase, not longer than one meter, and the use of brackets for every support are recommended.

DETAIL PANEL JOINT

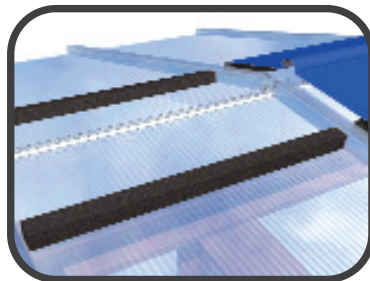


FIXING SYSTEMS

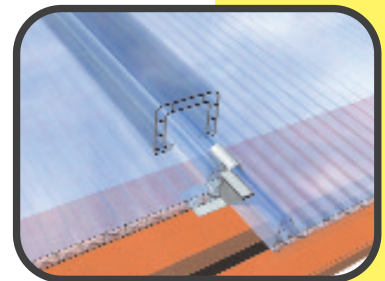
The fixing of the polycarbonate panels to the structure below must be carried out using purpose-made stainless steel brackets, fastened to the purlins with self-perforating - self-threading screws (on metallic structures) and mordant (wooden structures).



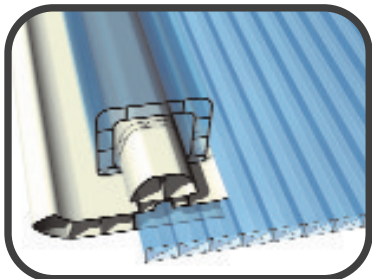
Start profile



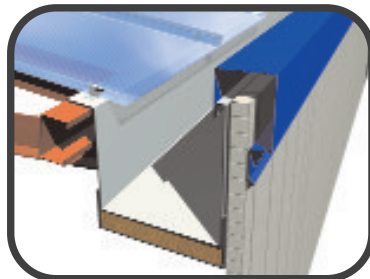
Top detail



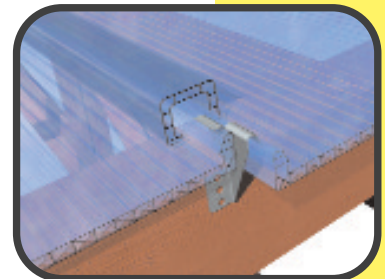
Inox plate for plane anchorage



Terminal profile



Roof gutter detail

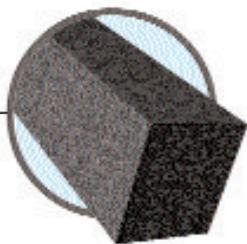


Inox plate for vertical anchorage

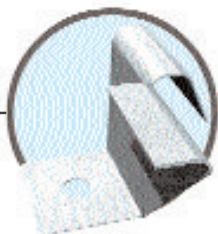
ACCESSORIES

arcoPlus®684x reversò system offers a complete line of accessories enabling simple installation.

Pad PE-LD
dim. 35X40x580
Cod. 4213



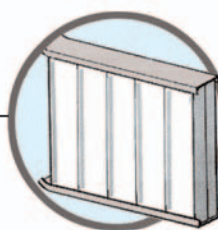
Inox plate for
plane anchorage
Cod. 4138



Inox plate for
vertical anchorage
Cod. 4139



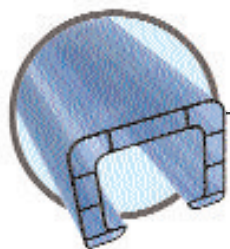
Chamber sealing:
Thermowelding: **Cod. 4226**



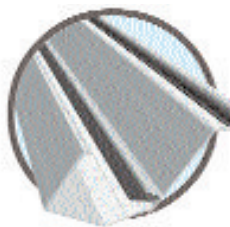
Aluminium connector
profile
Cod. 4243 straight
Cod. 4248 curved



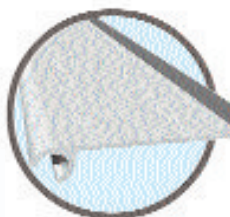
Covergasket
in polycarbonate
Cod. 2146/5028



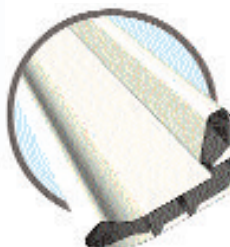
U profile for
closing support
in aluminium
Cod. 4245



Closing support
in aluminium
Cod. 4252



Start profile
in polycarbonate
Cod. 2147/7018



Terminal profile
in polycarbonate
Cod. 2148/7018

