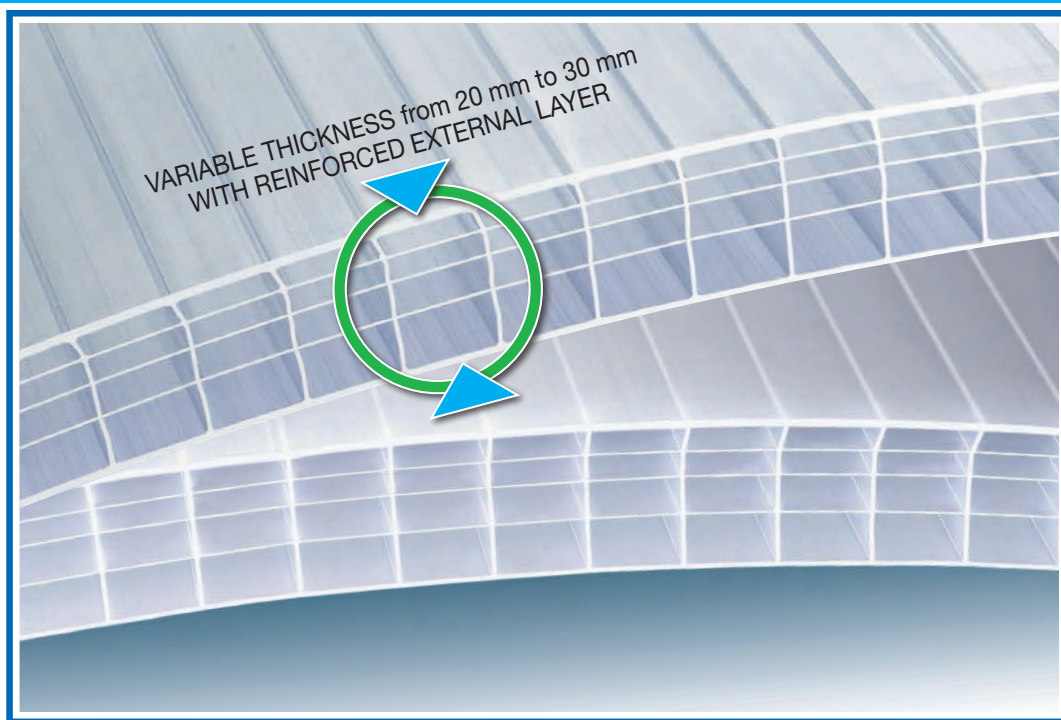


SELF-SUPPORTING EXTRUDED MULTIWALL POLYCARBONATE
UV PROTECTED DOME WITH VARIABLE THICKNESS
AND REINFORCED EXTERNAL LAYER FOR INDUSTRIAL SKYLIGHTS



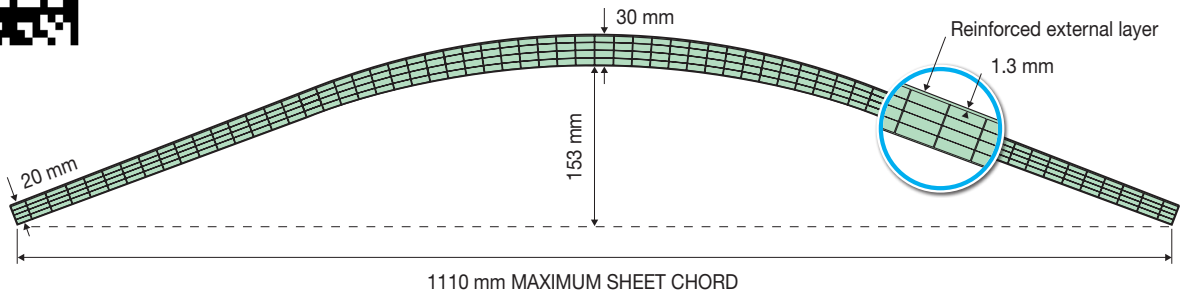
ipPlastic

COVERBANPiU





CROSS SECTION



APPLICATIONS AND STRONG POINTS

CoverbanPIÙ is a unique dome extruded from multiwall polycarbonate with 5-wall structure, variable thickness (20 mm on the side ends and 30 mm in the middle) and reinforced external layer. Its special shape, directly obtained through extrusion, shows no micro-cracks and, thanks to the properties of extruded polycarbonate along with the anchoring system and the closing headers, gives the dome an extraordinary robustness and a perfect linear smoothness of the surface. CoverbanPIÙ is strong and highly insulating, has an excellent capability to withstand uniformly distributed loads on roofing, shows no tensioning, ensures a fine light transmittance and a superior protection to UV rays, is resistant to accidental impacts, bad weather, temperature changes and hail. It is self-extinguishing and is quick, easy and cost effective to install.

FEATURES COVERBANPIÙ

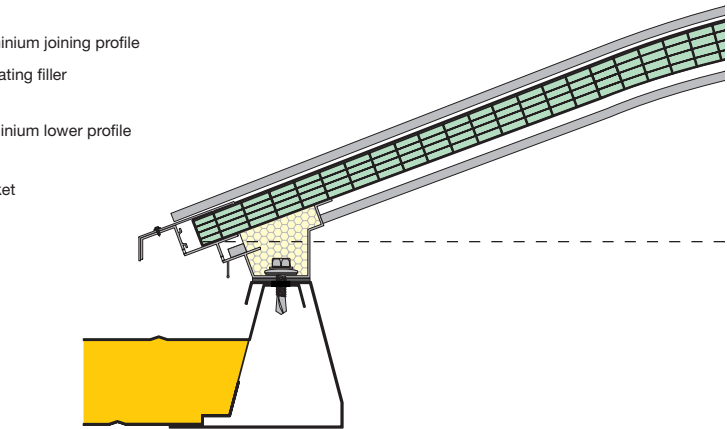
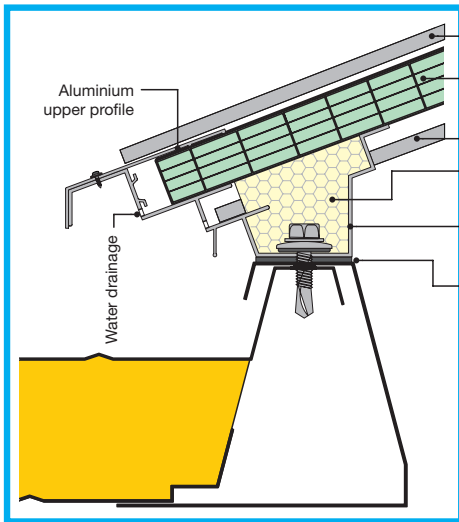
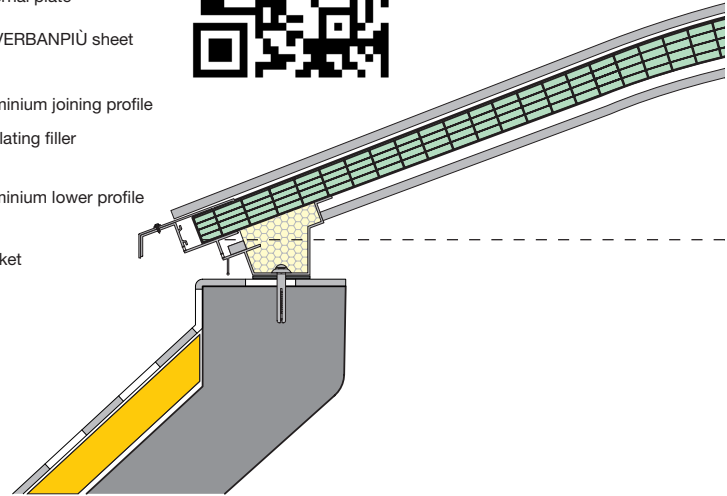
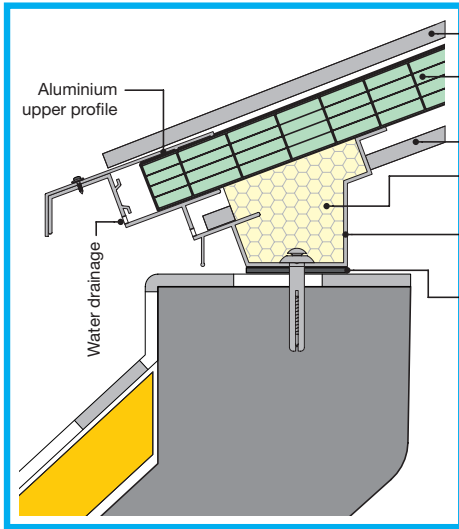
| | Thickness | from 20 mm to 30 mm |
|-----------------------------|---------------------------|--|
| | Structure | 5-wall |
| PRODUCTION FEATURES | Sheet chord | 1110 ± 5 mm |
| | End sealing | aluminium tape |
| | Sheet length | upon request (max. length recommended is 7mtr) |
| | Thermal insulation | U = 1.56 W/m ² K |
| PHYSICAL-THERMAL FEATURES | Temperature working range | - 40°C + 130° C |
| | Linear thermal expansion | 6.7 x 10 ⁻⁵ mm./mm.°C* |
| LIGHT TRANSMISSION FEATURES | Satinized clear colour | 55% ± 2 |
| | Opal colour | 35% ± 2 |

*GENERAL DATA TAKEN FROM LITERATURE

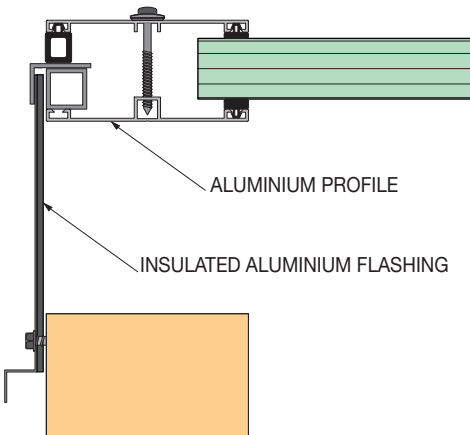
FIXING SYSTEM

Fixing of CoverbanPIÙ to side supports is obtained through two metal profiles allowing for the thermal expansion of the sheets without causing any breaking or leakage. The lower profile is screwed on the concrete kerb or on the metal structure of the composite panel so as to allow for the positioning of the sheet on site. The upper profile is assembled to the lower profile without any drilling for sheet blocking. Aluminium joining profiles and closing headers complete the system.

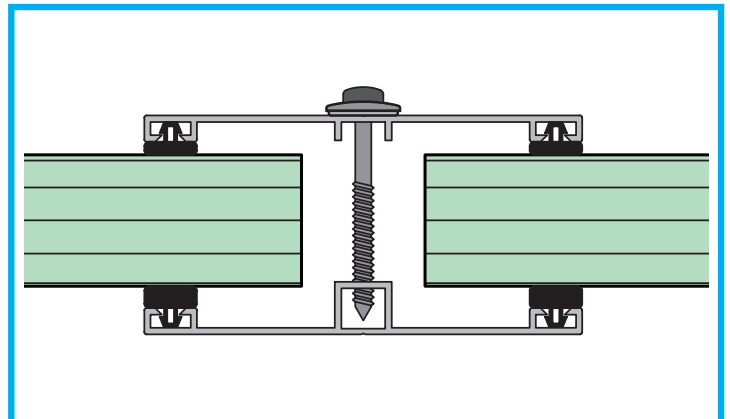


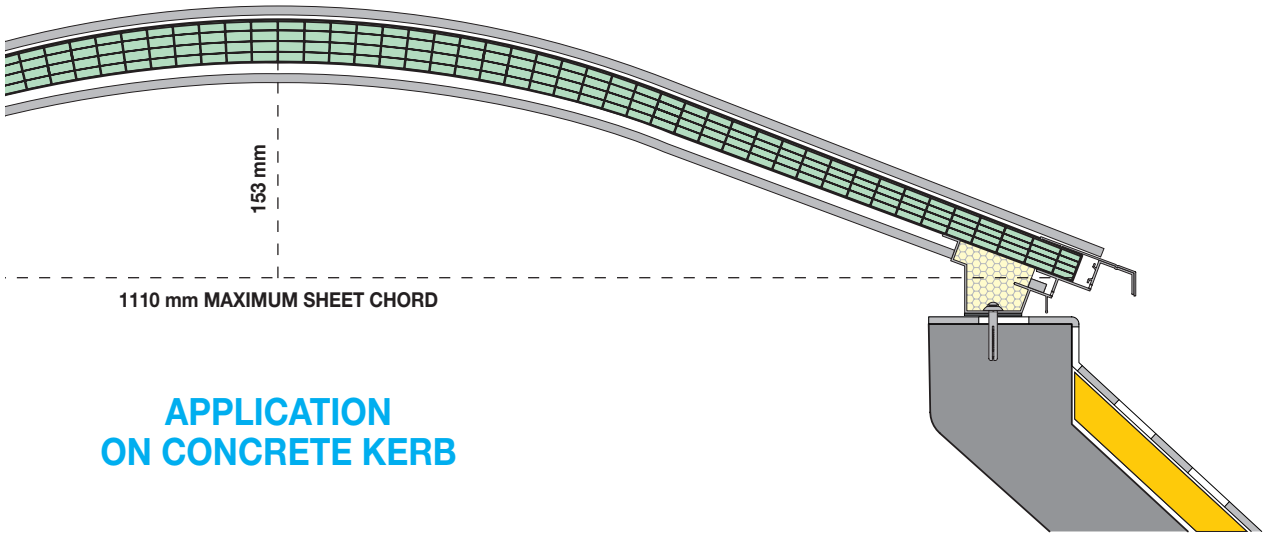


■ DETAIL OF HEADER



■ ALUMINIUM JOINING PROFILE

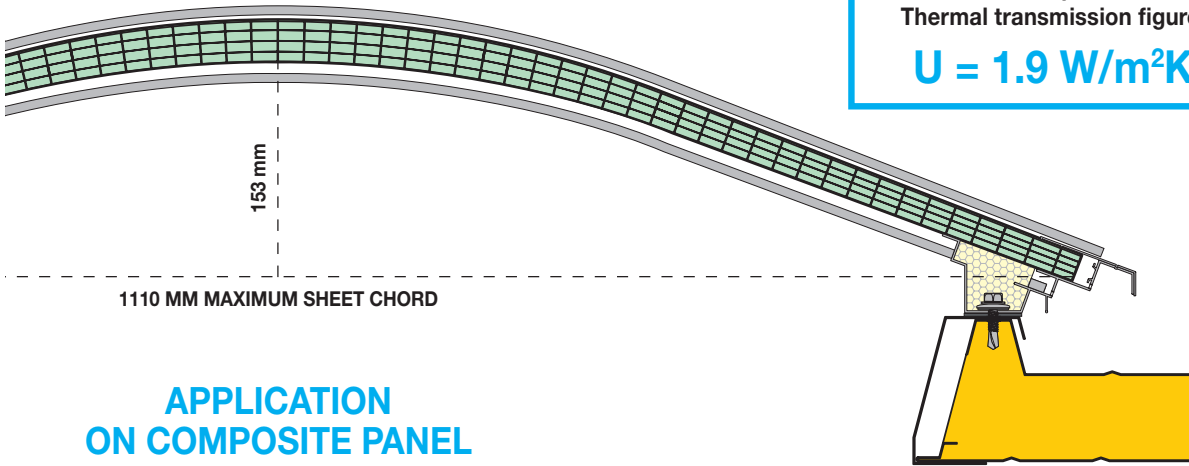




**APPLICATION
ON CONCRETE KERB**

The CoverbanPIÙ sheet
with side profiles.
Thermal transmission figure:

$$U = 1.9 \text{ W/m}^2\text{K}$$



**APPLICATION
ON COMPOSITE PANEL**

■ COVERBANPIÙ OPENING

