

TZ-BÓVEDA SKYLIGHT

DESCRIPTION AND APPLICATIONS

Product

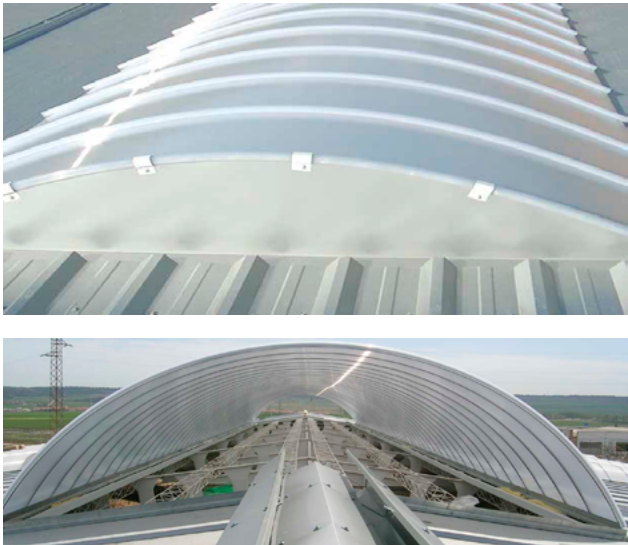
Modular **cellular polycarbonate** skylight, with high protection against UV rays, high durability, high thermal insulation, exceptional watertightness and high resistance to shocks and hail impacts.

Its microcell structure transmits natural light uniformly and, thanks to its modular design with joints using stiffening omegas, it can be installed with no length limit.

The TZ-BOVEDA skylight has been designed to be modulated with the TZ-C panel, and can be installed both on the **pitches** and on the **ridge**.

Applications

Natural lighting in insulating roofs executed with the TZ-C panel for industrial, residential, commercial buildings and sports facilities.



STANDARD ASSEMBLIES

Position	Pitches
Distance between supports	1,150 mm
Radius of curvature	1,350 mm / 2,500 mm

Position	Ridge
Distance between supports	max 2,000 mm
Radius of curvature	1,350 mm / 2,500 mm

For the radius of curvature of 1,350 mm, the plates are supplied curved by thermoforming.

By using aluminum spacers and 16mm thick plates, larger width configurations are possible. Consult Kingspan Technical Department.

TECHNICAL FEATURES

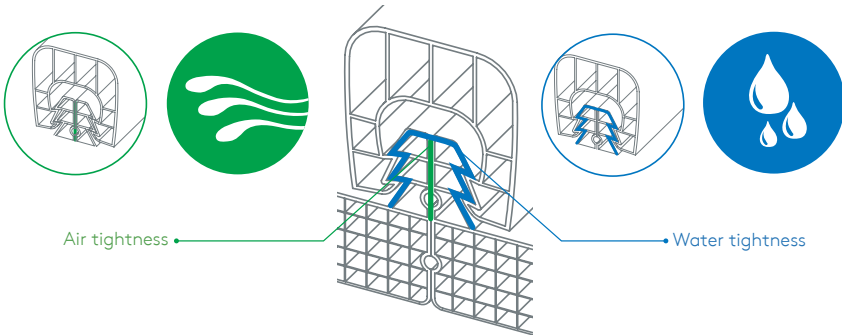
Standard thickness	10 mm
Cell system	Multicell (3 cells - 4 walls)
Panel width	600 mm
Operating temperature range	-40°C to +120°C
Hail resistance	Yes (ASTM E-822-81 test)
UV transmission	Less than 0,1%
Fire rating	Euroclass B-s1,d0
Expansivity	0.065 mm/m°C (linear)

The TZ-BÓVEDA polycarbonate skylight kit is supplied with all the profiles, clips and closing plates necessary for its complete installation.

POLYCARBONATE BINDING OMEGAS

The boards of the TZ-BOVEDA skylight are joined together by means of a highly rigid polycarbonate omega, which provides the system with a high load capacity and high resistance to hail impacts.

The exclusive design of the joint between the omega and the plates guarantees maximum air and water tightness.

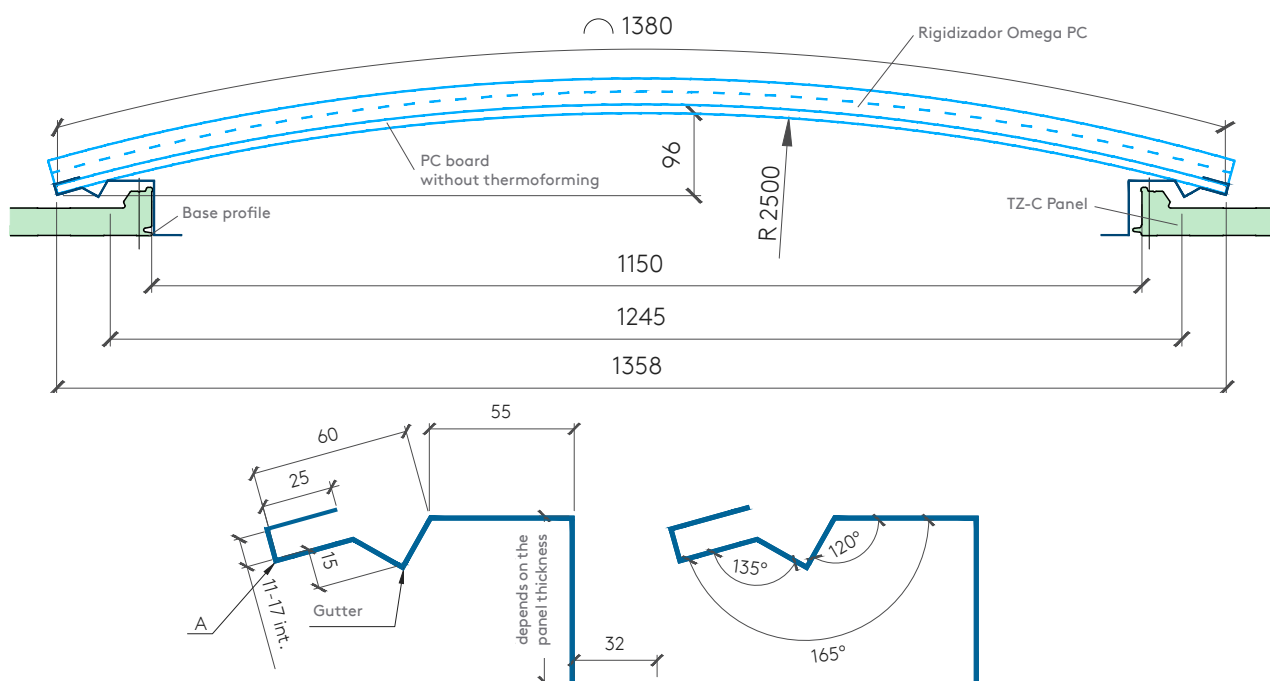


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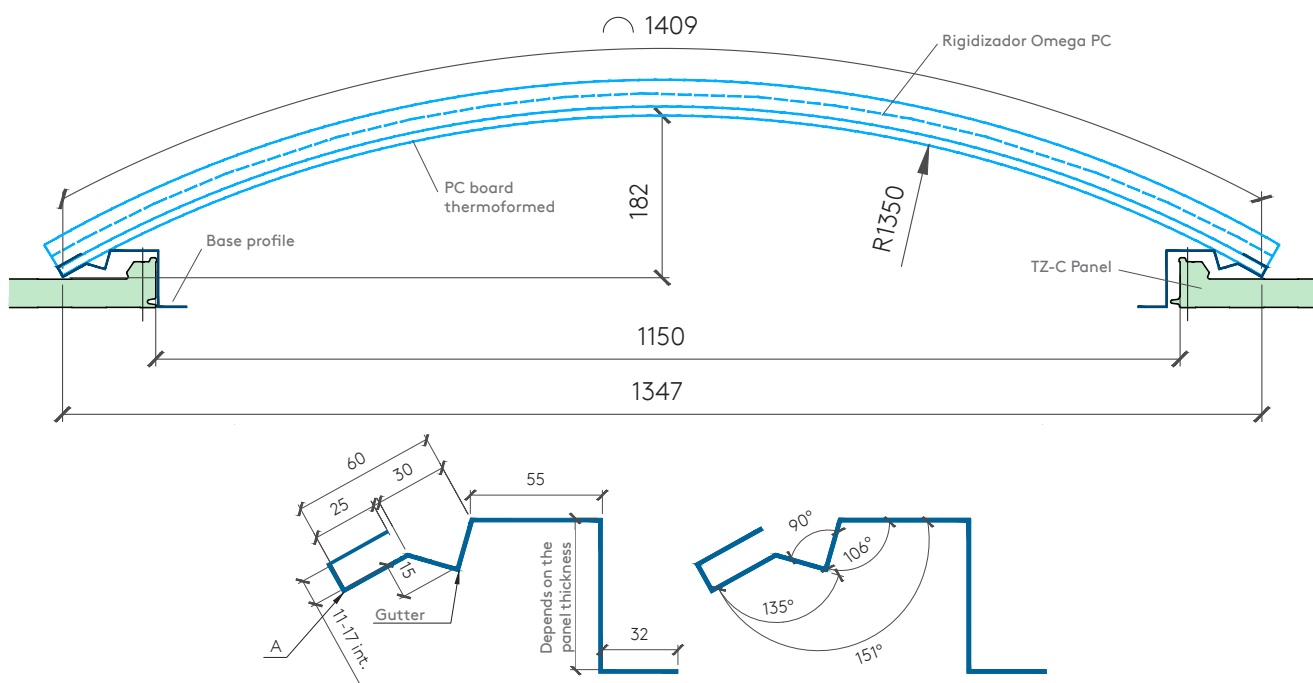
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ASSEMBLY SCHEME ON ROOF PITCHES (R=2500)



ASSEMBLY SCHEME ON ROOF PITCHES (R=1350)



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