

General information

Screw Attachment

The base profile is designed so that the load is transferred by special geometric extensions which facilitate easy installation and prevent screwhead strain during attachment. Therefore, make sure to use only Polygal recommended screws in distances not more than 250 mm.

Profile Bending

The aluminium profiles can be bent using a bending machine or manually, using a steel bending guide. Make sure to use only profiles with appropriate radius and shape which do not contain loads contrary to their line of installation.

Gaskets

The use of original Polygal gaskets is required. These gaskets are manufactured from materials which do not damage the Polycarbonate panels. The gaskets contain 4 "legs" to prevent dust and water penetration, and are installed with the "legs" facing outward. The gaskets should be installed in the workshop using a suitable roller.

Professional Guidance, Information and Construction Responsibility

- The system includes both construction and edge finishing aluminium profiles, as well as various screws and EPDM gaskets, which are designed for panel glazing at the level of safety and structural standards required for roofing applications.
- Polygal assumes that roofing contractors are expert and skilled in their field in general, and with regard to construction and roofing in particular. Therefore, the full responsibility for the installation of panels, the proper attachment between the panels themselves and between the panels and parts of the structure, as well as the full support of the panels against natural forces and standard building loads remains with the roofing.
- Polygal is pleased to offer its customers professional guidance regarding installation as well as additional information, whenever possible.



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