

Retractable roofs can span up to an amazing 9 metres in their operating direction with a roof pitch range from 6 to 18 degrees. Multiple bays can be continuously added to create large areas of retractable roofing and all year round weather protection.

Retractable Roof Design	Roofing/Glazing Materials	Single Pitch Projection	Bay Width
RRP	16mm Polycarbonate	9m	0.9 to 1.3m
RRG	Insulated Glass	9m	0.9 to 1.3m

For Specific Designs;

- Double pitch systems with spans up to 18 metres.
- Bay Widths greater than 1.3m.

THE COMPONENTS

The design and engineering of the aluminium extrusions are certified to 6061-T6 specification. A sample of the main components for RRP is illustrated in the following diagrams.



The extruded aluminium mullion is a key component of the retractable roof. The three "channels" are engineered to allow smooth gliding of the retractable roof panels.

The fourth, uppermost, "channel", provides the option of an additional set of fixed panels



This component is inserted into the bottom of the mullion and provides the swivel creating the pitch of the roof.



The swivel component "hinges" into this receiver component that in turn attaches to the gutter system.