

## J-Clip® Roof Spacer



### A STRONGER SAFER SOLUTION FOR SECTION J

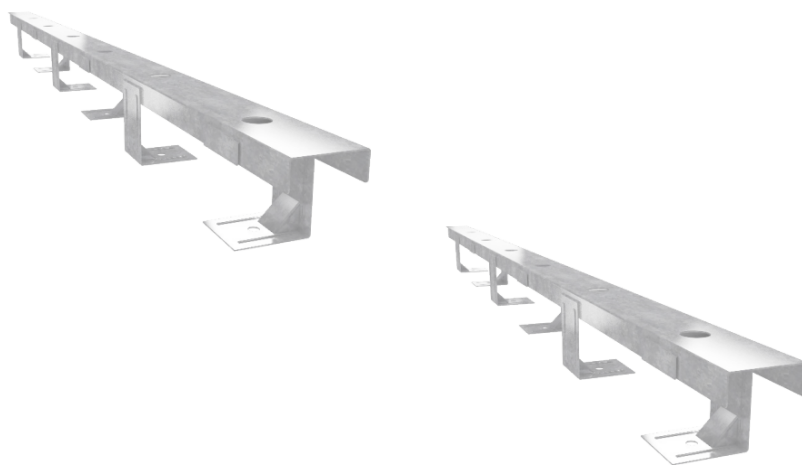
Section J in the Building Code of Australia (BCA) deals with energy efficiency of building structures and is a mandatory part of the building design. In accordance to the BCA, the roof component of the building structure must meet the minimum thermal resistance requirement of R3.2 for most Australian climate areas. In most cases, the minimum thermal resistance requirements can be achieved by installation of bulk insulation underneath the roof cladding and between the purlins. However, as per Section J in the BCA, any bulk insulation installed must be able to maintain its position and thickness. We have developed the J-CLIP roof spacer to raise the roof cladding in order to fit the bulk installation and maintain its thickness. This enables the roof component of the structure to conform to Section J of the BCA.

### BENEFITS OF THE ROOF SPACER

- Raises the roof cladding in order to maintain thickness of bulk insulation and to achieve the minimum thermal resistance values in order to comply with the Section J requirement of the BCA.
- Comes in 3 different heights to fit standard insulation thicknesses.
- The 1200 mm nominal length of the J-CLIP matches the typical widths of bulk insulation. This makes installing the J-Clip easier for the contractor as it holds the insulation in place ready for fixing.
- The patented design provides a sturdy and stable platform during construction.
- The roof sheeting can be fixed directly onto the J-CLIP spacer and no alterations to the fixing method of the roof are required.
- Cover plates are provided to cover the fastener holes on the top plate of the spacer.
- The J-CLIP can be used in all concealed and pierced fix roofing applications.
- Our leg design guarantees that no screws miss the purlins as we have a safety first approach to ensure all roof cladding is installed correctly.

### MATERIAL SPECIFICATION

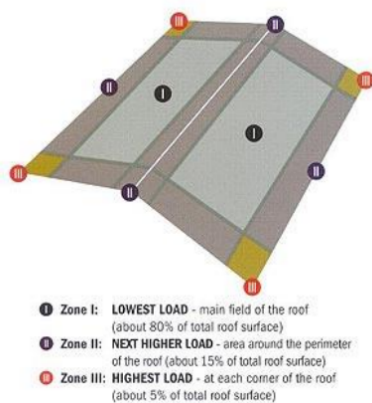
J-CLIP	WEIGHT (KGS)	RECOMMENDED INSULATION THICKNESS TO SUIT
J-CLIP 75mm	2	100mm 110mm
J-CLIP 120mm	2.17	130mm 140mm 145mm



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## Installing The J-Clip

Installing the J – Clip is as easy as placing the spacer over the insulation blanket laid over the safety mesh and support purlin. Due to the superior strength and design, a single screw is all it takes to hold the clip in place, making fixing the rest of the screws a breeze. The overlapping end of the J-Clip ensures a consistent line of spacers directly over the purlin. The offset foot design ensures easy and effective screw position location meaning every screw is able to screw into the purlin the way it was designed to. J – Clip has 2 solutions should roof sheet fixings strike the fixing hole in the J-Clip top rail;



**1** - The supplied tags slide easily between the underside of the top rail and the relevant leg, allowing the roof screw to screw into the rail as normal.

**2** - The first J-Clips laid along the barge line can be shortened slightly along the relevant sheet profile fixings to consistently miss the fixing holes on the clip. Neither of these options are used often as the spacings of J-Clip fixings are designed to minimise striking fixing holes with most profiles.

Recommended fixing sizes;

75mm J-Clip 100mm blanket 12-14 x 30mm full thread teks

120mm J-Clip 150mm blanket 12-14 x 50mm full thread teks

Cyclonic regions require 14 gauge screws. Due to the J-Clips superior strength and design, in NON – cyclonic regions section 1 (as illustrated ) of a roof can have the J-Clip fitted missing every second screw, provided; No 2 consecutive legs are unscrewed. Zones II and III are fully screwed, for example the J-Clips on the last 3 purlins at the gutter and the ridge as well as the 2 JClips adjacent to each barge, should be fully screwed.