

SLICING THROUGH SECTION J

CUT THROUGH SECTION J & ACHIEVE SUBSTANTIAL R-VALUE RESULTS

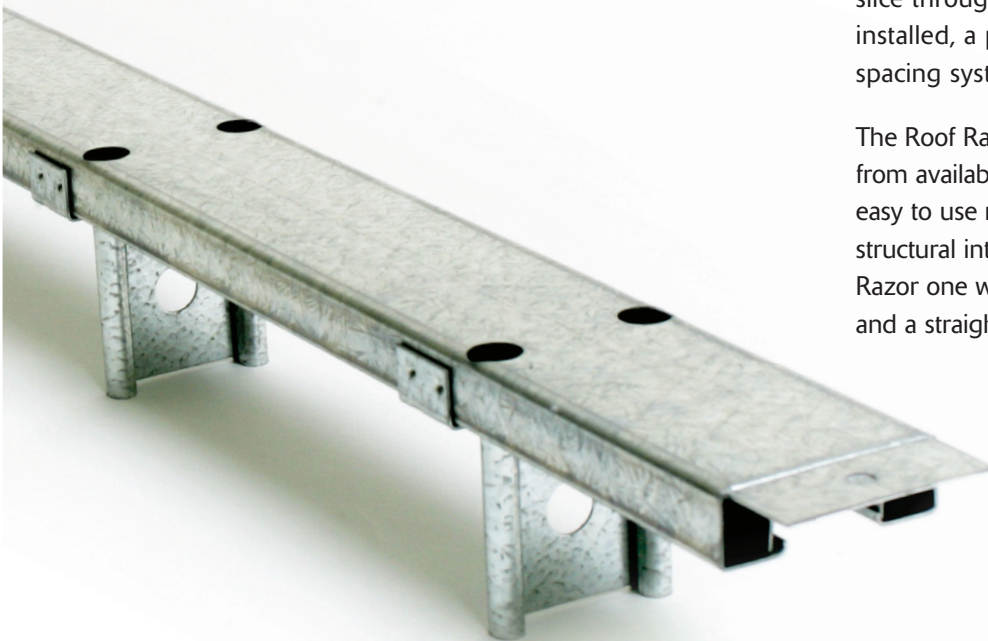
The Roof Razor is an insulation spacer that allows bulk insulation to recover to its full nominal thickness for compliance with Section J of the Building Code of Australia. The unique and patented design passes through the bulk insulation to make a direct and stable connection between the roof sheet and the purlin. The contact areas are so tiny that only a 0.6% loss of R-Value can be attributed to thermal conductivity.

The Roof Razor does away with the need for complex roof design; it is **quick** to lay, **built to last**, and achieves **real results**. For cyclonic regions the LHL tested Roof Razor C3 is available.

WHAT IS THE ROOF RAZOR?

The Roof Razor is a spacing bracket that creates an open space between two planes allowing for bulk insulation to fully expand and achieve its intended R-Value. Although originally intended for warehouse roof cladding, the Roof Razor also has applications for wall cladding and floor spacing. The raising legs will slice through the glass wool blanket as it is being installed, a patented feature not present in other spacing systems.

The Roof Razor provides the highest possible rating from available glass wool blankets in a cost effective and easy to use manner that does not detract from the structural integrity of the roof design. With the Roof Razor one will achieve consistent thermal performance and a straight and level roof line every time.



HOW DOES IT WORK?

ACHIEVE R3.19 ON METAL ROOFING AND FULL COMPLIANCE WITH SECTION J OF THE BCA BY USING THE ROOF RAZOR.

Previous attempts to solve the Section J bulk insulation problem resulted in thermal bridging and poor performance. Dishing of the safety mesh has proven to be difficult, time consuming, and of poor performance. With the Roof Razor in place, a total R-Value for summer of up to R3.19 can be achieved, a 6% improvement on other spacer products.

The Roof Razor boasts other key features such as:

- Safe and easy to use
- Compatible with all roofing clips and sheet profiles
- Suitable for metal wall cladding
- Will not loosen over time
- Designed to work seamlessly in combination with current roofing techniques and materials
- Consistent results eliminate the possibility of cutting corners during installation

Thermal Performance & Stability

No Spacer or dishing	Timber Block Spacer	Roof Razor
<ul style="list-style-type: none"> • Losses of up to 39% of R-Value due to thermal bridging when fully compressing 100mm glass wool blanket • Inconsistent level of roof line • Safety mesh cannot be pulled tight • Not compliant with Section J of the BCA • Creates a thermal break of only R0.125 	<ul style="list-style-type: none"> • Losses of up to 6% of R-Value due to thermal bridging when using a 38mm wide x 90mm high pine spacer • Central fixings can lead to instability • Fully compressed wool packer is at risk of deterioration over time with the thermal expansion / contraction and the vibration of the roof 	<ul style="list-style-type: none"> • Losses of but 0.6% (Roof Razor) and 1% (Roof Razor C3) of R-Value due to thermal bridging • Satisfies Section J of the BCA • Robust, consistent and cost effective • Gains of up to 6% in total R-Value when compared to timber raising blocks of 90mm height • Gains of up to 62% in total R-Value when compared to no spacer used • LHL tested



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*62% gain when compared to using no insulation spacer.