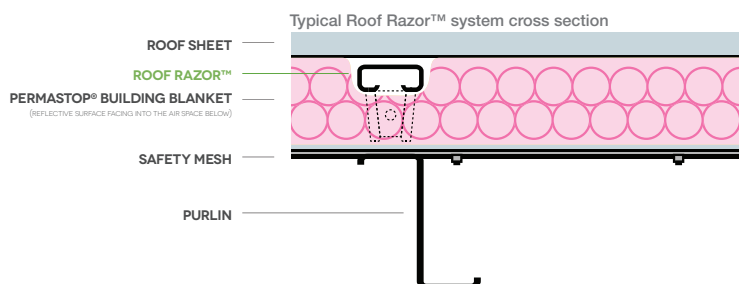


Roof Razor™ Insulation Spacer

Product description

Roof Razor™ is an insulation spacer specifically designed for Australian metal roof construction. It sits between the roof structure and the external cladding membrane creating a space for insulation to recover to its full nominal thickness between the purlins. Roof Razor™ is a solution to the Section J requirement of the Building Code of Australia (BCA) that insulation must maintain its position and thickness between purlins. Roof Razor™ is compatible with both pierced and concealed fix roof cladding and is suitable for use on roofs with a pitch up to and including 30 degrees.



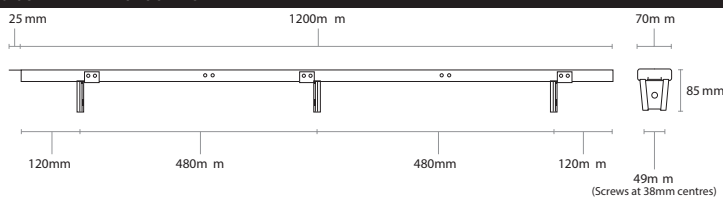
- Designed and manufactured specifically to meet Australian conditions, including options tested for cyclonic regions.
- Seamless compatibility with all roof cladding profiles.
- Suitable for use on roofs with a pitch up to and including 30 degrees.
- Preloaded fasteners allowing for ease and speed of installation.
- Available in two heights to suit most commonly used blanket thicknesses.
- Manufactured and assembled locally in Australia.

Material specifications

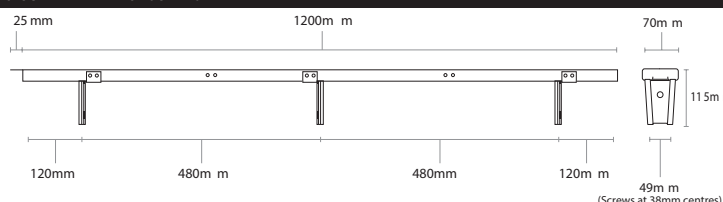
Roof Razor™ is available in two heights to suit most commonly used blanket thicknesses:

- 85mm Roof Razor™ is suitable for use with 100-120mm thick building blanket;
- 115mm Roof Razor™ is suitable for use with 130-145mm thick building blanket.

85MM HIGH TO SUIT BLANKETS 100-120MM



115MM HIGH TO SUIT BLANKETS 130-145MM



	ROOF RAZOR™ STANDARD	ROOF RAZOR™ CYCLONIC
Cover	1200mm	1200mm
Weight	2kg	3kg
Wind Regions	A&B <i>Fastener yield capacity, 0.583 kN per 12g 14TPI</i>	C&D <i>Fastener yield capacity, 1.43 kN per 14g 10TPI</i>
Fastener Yield Capacity	0.583 kN per 12g 14TPI	1.43 kN per 14g 10TPI
Batten Material	1.15BMT G550 Z275	1.15BMT G550 Z275
Cyclonic Insert	N/A	1.15BMT G550 Z275
Fasteners	6 x 12g 14TPI Class 4	6 x 14g 10TPI Class 4
Minimum Purlin Thickness	1.2 BMT	1.5 BMT
Minimum Purlin Width	50mm	50mm
Fastener Centres	38mm	38mm
Dead Load Capacity	205kg	205kg
Pack QTY	6	6
Pallet QTY and Weight	180 (30 packs), 400kg	180 (30 packs), 540kg
Pallet Dimensions l x w x h (m)	Roof Razor™ 85mm 1.15 x 1.25 x 0.80 Roof Razor™ 155mm 1.15 x 1.25 x 0.98	Roof Razor™ 85mm 1.15 x 1.25 x 0.80 Roof Razor™ 155mm 1.15 x 1.25 x 0.98



Compliance

- Compliant with section J of the BCA Clause J1.2(c)
- Structurally engineered and certified for use
- Roof Razor™ Cyclonic is Low-High-Low (LHL) tested in accordance with BCA Volume 1 Specification B1.2.

Thermal Predictions

The following thermal prediction table can be used as a product selection guide and assumes the following:

- Non-ventilated flat metal roof, no ceiling
- Safety mesh
- Permastop® Building Blanket with reflective foil underside

Insulation Thickness (mm)	Material R-Value	System Total R-Value Winter (Up)	System Total R-Value Summer (Down)	Roof Razor™ Height Required
100	2.5	2.9	3.2	85mm
130	3.0	3.4	3.7	115mm
130	3.2	3.6	3.9	115mm
130	3.6	4.1	4.2	115mm

NB: The above table is a guide only; refer to the insulation manufacturer's product specifications to confirm the product Material R-value at the specified thickness.

Roof Razor™ Insulation Spacer for use in Cyclonic Regions

To perform in Australia's cyclonic regions, Roof Razor™ CYCLONIC is Low-High-Low (LHL) tested and provides increased fastener yield over Roof Razor™ STANDARD.

Fastener Yield Capacity	
Cyclonic	Non-Cyclonic
0.583kN per 12 gauge 14 TPI fastener	1.43kN per 14 gauge 10 TPI fastener

Roof Razor™ CYCLONIC is equipped with an extra batten insert to increase the fastener yield capacity, and is pre-loaded with 6 x 14 gauge 10TPI class 4 fasteners.

Specification

When specifying, state the following:

Application: Incorporate Roof Razor™ insulation spacer over Permastop® Building Blanket along the purlin line to achieve the recovered thickness of the insulation blanket.

Product name: Fletcher Insulation 85mm Roof Razor™ insulation spacer or Fletcher Insulation 115mm Roof Razor™ insulation spacer.

- Designed and manufactured specifically to meet Australian conditions, including options tested for cyclonic regions.
- Seamless compatibility with all roof cladding profiles.
- Suitable for use on roofs with a pitch up to and including 30 degrees.
- Preloaded fasteners allowing for ease and speed of installation.
- Available in two heights to suit most commonly used blanket thicknesses.
- Manufactured and assembled locally in Australia.



Fletcher
Insulation

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