

# BRIDGLAND SHIELD

BRIDGLAND SHIELD (MATERIAL R VALUE: 0.20m<sup>2</sup>K/W – This R-Value applies to a mean temperature of 23°C for Australian conditions).

## SPECIFICATIONS

Roll Size	1.35m
Roll Diameter	500mm
Product Thickness	11mm (Nominal)
Roll Weight	11kg (Approx.)
Maximum Span	2.4m without support mesh

## SYSTEM R VALUES

	Summer	Winter
Flat metal roof, suspended ceiling, 300mm min. reflective air space	2.69	1.21
Pitched metal roof 22° flat ceiling, unventilated attic space	2.10	1.40
Pitched metal roof 22° flat ceiling, ventilated attic space	2.40	1.20
Metal clad wall, 100mm min. Reflective air space	1.50	1.60

Note: Calculations in accordance with 4859.1&2 incorporating thermal bridging to satisfy NCC2019 Section J

## This product meets the requirements of AS/NZS 4200.1

DUTY	EXTRA HEAVY DUTY		
VAPOUR CONTROL CLASSIFICATION	Class 2	Vapour Barrier	
VAPOUR PERMEABILITY	0.0149 µg/N.s		
WATER CONTROL CLASSIFICATION	WATER BARRIER		
FLAMMABILITY INDEX	LOW ( ≤5)		
ELECTRICALLY CONDUCTIVE	CONDUCTIVE		
EMITTANCE	VALUE	CLASSIFICATION	CATEGORY
	0.03	IR REFLECTIVE	RR
	0.05	IR REFLECTIVE	
BAL RATING	For use in Roof Systems		BAL LOW to BAL 40
	For Use in Wall Systems		BAL LOW to BAL FZ



## INSTALLATION INSTRUCTIONS

### Residential Tiled Roof

1. Starting at the gutter (or lowest point of roof), roll out the Bridgland Shield across the rafters with the antiglare side up, ensuring a 50 mm overlap into the gutter is achieved.
2. Fix Bridgland Shield to rafter with a staple gun
3. Allow 150mm minimum overlap for joins (50mm is adequate if joins are to be taped).
4. End joins should be overlapped by rafter spacing if not taped.
5. Fix battens as per roof cover requirements and applicable standards.

### Residential Metal Roof

1. Roll out the Bridgland Shield from the ridge to gutter, over and perpendicular to the roof battens.
2. Ensure a 50mm overlap into the gutter and a nominal 40 mm sag between battens is achieved.
3. Allow 150mm overlap at joins (50mm is adequate when joins are to be taped).
4. End joins should be overlapped by 600 mm if not taped.
5. Staple or tape to battens to hold in place until roofing is fixed.

### Handling & Storage

Insulation product must be transported in its protective packaging and kept clean and dry. Standing rolls on end reduces risk of damage should moisture be present in the packaging. Surfaces must be kept free of contaminants such as dust and grease, and must not be stored with foil surfaces in contact with alkaline materials i.e. wet cement, lime, etc.

Disclaimer Products in this specification manual must by regulation be installed by licensed and registered trade people. The manufacturer/distributor reserves the right to vary specifications or delete models from their range without prior notification. Dimensions and set-outs listed are correct at time of publication however the manufacturer/distributor takes no responsibility for printing errors.





## REECE PRODUCT QUALITY GUARANTEE

You have purchased a quality product from Reece Pty Ltd ABN 84 004 097 090 ("Reece"). This product is covered by a 15 year product warranty.

### 15 YEAR WARRANTY

This warranty covers faults in the product construction, material and assembly. Products which are within 15 years from the date of purchase, found upon inspection by an authorised Reece representative, to be defective in construction, material or assembly, will be repaired or exchanged with an equivalent product free of charge. Replaced items become Reece's property.

All replacement products will be available for collection without charge to the customer at the nearest Reece branch to the customer's location, or elsewhere as agreed between the customer and Reece.

### Warranty Conditions

This warranty will apply only under all of the following conditions:

- The item has been installed by a licensed plumber
- Failure is due to a fault in the manufacture of the product
- Proof of purchase (including the date of purchase) is provided
- The installation of the product is in accordance with the instructions provided

This warranty does not cover products purchased as an ex-display without being fully checked and tested for sale by the manufacturer.

### This warranty does not include faults caused by:

- Unsuitable or improper use
- Incorrect installation or installation not in accordance with the instructions provided
- Installation or part installation by the purchaser or any person other than a LICENSED PLUMBER or tradesperson licensed to install this product.
- Normal wear and tear
- Inadequate or complete lack of maintenance
- Chemical, electrochemical or electrical influences
- Harsh detergents or abrasive cleaners used on product finishes

### EXCLUSIONS

To the fullest extent permitted by law, Reece excludes all liability for damage or injury to any person, damage to any property, and any indirect consequential or other loss or damage.

### CLAIM PROCEDURE

For all warranty queries customers are to contact the branch where the product was purchased. These details can be found on your purchase invoice.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Plumbers/Contractors, please ensure a copy of the installation instructions is left with the end user for future reference.

**Don't risk it, use a licensed plumber.™**

