

Gutter Guard Product Information



Photo Courtesy Of Boral Roofing

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ABOUT US:

Karben Industries Pty Ltd is a proudly Australian owned and operated family company based on the Central Coast of New South Wales. Karben Industries offers a complete range of gutter guard products and accessories based on the award winning 'ski-slope' system, to both domestic and international markets.

STAFF:

Managing Director - Ben Stewart
Accounts Manager - Karen Stewart

Warehouse & Manufacturing Manager- Tye Smith
Sales Manager - Andrew Ross

Over time Karben Industries has emerged as the industry leader. With combined industry experience of more than 30 years our support staff all share a common focus. **"Unmatched quality and service"**

QUALITY:

With mesh products manufactured by *Tapex*, who is Australia's leading brand of industrial, construction and landscape products, we offer the highest quality materials available in the industry. Based in Sydney the origins of their business trace back more than 130 years and we are proud to be associated with such an experienced and trusted brand.

In a commitment to provide unmatched quality across the board, an investment in sheet metal machinery in 2012 enabled Karben Industries to bring in house the production of fitting accessories (trims and saddles). All of our components are produced using premium **0.55BMT** Australian made BlueScope Colorbond® steel.

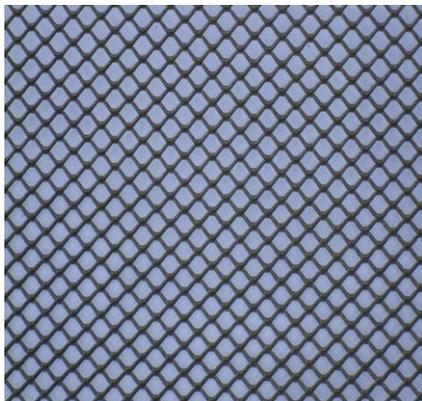
SERVICE:

All Karben Industries products are available individually or in convenient, ready to use kit form.

Interstate orders received by 12pm, will be dispatched the same day. For Sydney Metropolitan, same day delivery is available for orders placed before 8:30am. Orders placed after 8:30am will be delivered the next day. Otherwise pickups are welcome from 8am till 5pm weekdays.

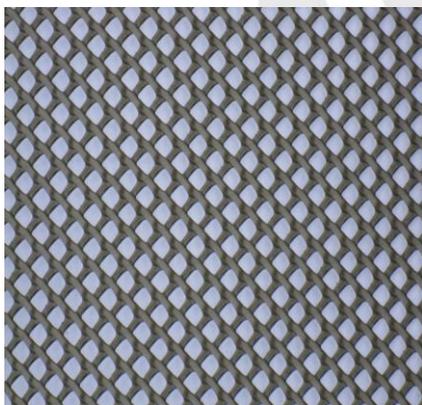
Our warehouse address is Unit 1, 2 Doherty Close Warnervale NSW 2259

GUTTER MESH PRODUCT RANGE & SPECIFICATIONS:



Premium Aluminium Gutter Mesh

- Powder coated, expanded, commercial grade aluminium
- Compatible with Colorbond®, Aluminium and Zinalume roof/gutters
- Aperture of 4mm x 3mm, strand width 1.0 mm, mesh weight 500 g/m²
- Manufactured in 1000mm x 50m continuous rolls
- Standard widths of 250, 500, 750 & 1000mm
- Sold by the metre
- Compliant with **AS 3959-2009** "Construction of buildings in bushfire prone areas"
- Available in a range of colours



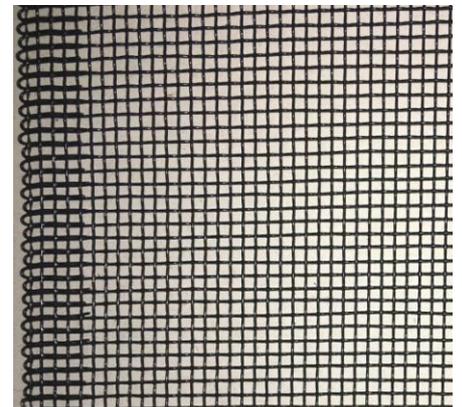
High Density Poly-Ethylene Gutter Mesh

- Australian made 100% virgin High Density Poly-Ethylene
- UV stabilised material used in a range of commercial and domestic industries
- Compatible with all roof/gutter materials including copper and stainless steel
- Aperture of 4mm x 4mm, strand width 2mm, mesh weight of 650 g/m²
- Manufactured in 1000mm x 50m continuous rolls
- Standard widths of 250, 500, 750 & 1000mm
- Sold by the metre
- Available in a range of modern and traditional colours

EMBER GUARD & FINE WIRE MESH RANGE & SPECIFICATIONS:

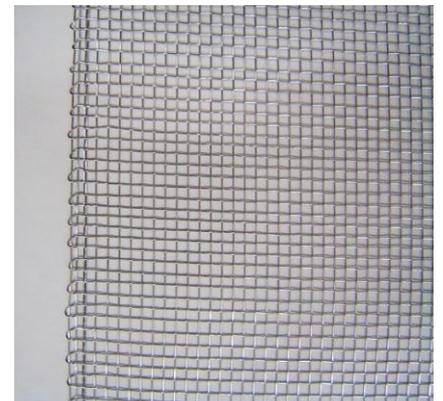
Woven Aluminium 1.9mm Ember Guard/Gutter Guard

- Powder coated, woven, commercial grade aluminium
- Aperture of 1.9mm x 1.9mm with locked manufactured edge
- Compliant with AS 3959-2009 "Building in bushfire prone areas"
- Suitable as gutter guard in **BAL-12.5, BAL-19, BAL-29, BAL-40 & BAL FZ**
- Suitable as ember guard in BAL-12.5, BAL-19, BAL-29
- Available in 250mm, 500mm and 1000mm in rolls of 30m
- Sold by the metre
- Manufactured in limited colour range.



Stainless Steel 1.9mm Ember Guard

- Marine grade-316 stainless steel woven mesh
- Aperture of 1.9mm x 1.9mm with selvedge manufactured edge
- Compliant with AS 3959-2009 "Building in bushfire prone areas"
- Suitable for use as Ember Guard **BAL-12.5, BAL-19, BAL-29, BAL-40 & BAL FZ**
- Available in 250mm, 500mm and 1000mm in rolls of 30m
- Sold by the metre
- *Separation will be required if contact with *non-compatible metals* occurs *



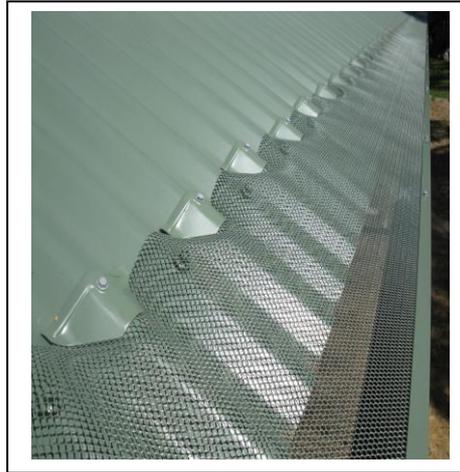
SUMMARY OF OUR MESH PRODUCT'S COMPLIANCE WITH AS 3959-2009.

	Aluminium Gutter Mesh	HDPE (Poly) Gutter Mesh	1.9mm Aperture Aluminium Mesh	1.9mm Aperture Stainless Steel Mesh
Base Material	Commercial grade aluminium	High Density Poly-ethylene	Commercial grade aluminium	Marine Grade 316 Stainless Steel
Aperture	3mm x 4mm	4.0mm x 4.0mm	1.9mm x 1.9mm	1.9mm x 1.9mm
Suitable for use as Gutter Guard				
Bushfire Attack Level (BAL) Suitable For (As Gutter Guard)	BAL-12.5, BAL-19, BAL-29, BAL-40 & BAL FZ		BAL-12.5, BAL-19, BAL-29, BAL-40 & BAL FZ	BAL-12.5, BAL-19, BAL-29, BAL-40 & BAL FZ
Suitable as Ember Guard				
Bushfire Attack Level (BAL) Suitable For (As Ember Guard)			BAL-12.5, BAL-19, BAL-29,	BAL-12.5, BAL-19, BAL-29, BAL-40 & BAL FZ

IMAGE GALLERY:



Concrete Tile Installation



Custom Orb (Corro) Installation



Tile Valley Installation



Klip-Lok Installation



Terracotta Tile Installation

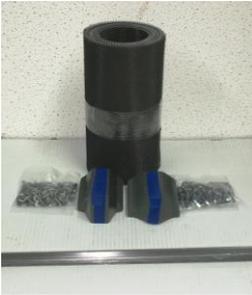


Trimdek/Box Gutter Installation

GUTTER GUARD ACCESSORIES:

	<p>Gutter Mesh</p> <p>Available in Poly and Aluminium 50 Metre continuous rolls Standard size 250 500 750 1000mm Can be cut to any width as required Supply in any length up to 50m Poly mesh aperture 4 x 4mm Aluminium mesh aperture 3 x 4mm</p>	
	<p>Gutter Fixing Trim</p> <p>Used to attach mesh to guttering Manufactured at 90 degree angle 10mm x 15mm x 2000mm Made from BlueScope Steel only Available in all Colorbond® colours Made from 0.55 BMT Colorbond® Supplied in 1m lengths for kits</p>	
	<p>Roof Fixing Saddles</p> <p>Holds mesh down against the roof Available for Corrugated roofs Available for Trimdek roofs Supplied from BlueScope steel Made from 0.55 BMT steel Corrugated roofs- 7 per Metre Trimdek roofs- 6 per Metre</p>	
	<p>Screws</p> <p>Available in needle point or self drilling Buildex <i>Climaseal</i> coated Available coloured (standard in kits) BlueScope recommended Silicone Available in black and translucent Potable water approved</p>	

KARBEN GUARD KIT CONTENTS:

	<p>Metal Roof-Gutter Kit (available for corro or trimdek)</p> <p>250mm Mesh Gutter Fixing Trim Metal Roof Fixing Saddles Trim Fixing Screws Saddle Fixing Screws</p>		
	<p>Metal Roof-Valley Kit (available for corro or trimdek)</p> <p>250mm Mesh Metal Roof Fixing Saddles Saddle Fixing Screws</p>		
	<p>Tile Roof-Gutter Kit</p> <p>500mm Mesh Gutter Fixing Trim Trim fixing Screws</p>		
	<p>Tile Roof-Valley Kit</p> <p>750mm Mesh (1000mm mesh is available on request)</p>		

INSTALLATION PROCEDURE:



Installation of gutter guard is best done by a professional, however, if installing this system for the first time, please take care when working at heights. Secure all ladders and platforms, and if working from the roof, use a safety harness. Please observe all 'working from height regulations'.

The information provided on this page is a guide only. If unclear on any step, please contact us for further assistance. Installation videos available at www.karben.com.au

Step 1: Cleaning Gutters.

Nobody enjoys cleaning gutters, however it is important that all gutters, valleys and downpipes are thoroughly cleaned prior to installation. Your Gutter Guard technician should clean and clear all debris as part of the service.

Step 2: Attaching the mesh to the gutters.

After the gutters are clear, the mesh is secured to the gutter's outer edge using a colorbond trim and screws. Fasteners are recommended to be used at 250mm intervals.

Step 3: Fabricating the mesh to the roof profile.

Strategically positioned cuts are made in the guttermesh, coinciding with the contours of the roof. This fabricating process helps the mesh shape to the roof profile and ensures a professional finish.

Step 4: Attaching the mesh to the roof.

Once the mesh has been fabricated to your roof profile it is then attached to the roof. On tiled roofs the second row of tiles are lifted slightly and the gutter mesh tucked underneath. On a Colorbond® roof, specifically designed clips are screwed into the roof to hold the mesh down firmly against the corrugations

Step 5: Covering the valleys.

Uniquely our products are adaptable to roof valleys. The mesh extends over the valley gutters ensuring that from end to end and top to bottom your roof gutters are protected. See www.karben.com.au for more de

Step 6: Securing around hips and gables.

The final step in the installation process is securing the mesh around the hips and gables. For tile roofs high quality roof and gutter silicon is used to fasten the mesh to the ridge capping so that no leaves can get in anywhere. For metal roofs, ensure mesh is fitted securely to capping and flashing where required.

INSTALLATION IMAGES:



Step 2



Step 3



Step 4



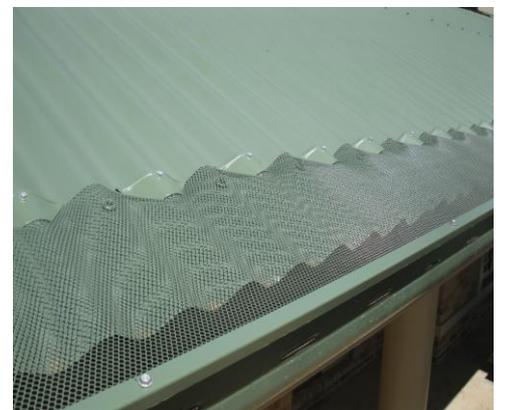
Step 5



Step 6



***Installation
Complete***



FEATURES & BENEFITS:

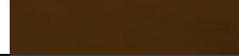
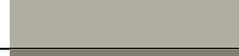
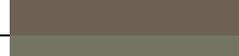
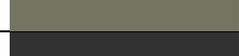
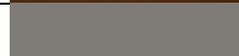
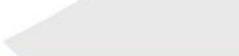
- ✓ Sold by the metre – no wastage.
- ✓ Maximum length is 50m – eliminates joins.
- ✓ No need to stock, order just in time.
- ✓ *Karben Guard Kits* include mesh, trim, saddles and painted head screws as required.
- ✓ Components available separately.
- ✓ All screws are Buildex® *Climaseal* coated -painted head available.
- ✓ All accessories are made from BlueScope Colorbond® 0.55 BMT.
- ✓ 15 year warranty on Aluminium. 10 year warranty on Plastic.
- ✓ Same day dispatch for orders placed by 12 Noon.
- ✓ Goods sent in sturdy, attractive packaging.
- ✓ Point of sale brochures, signs and displays available.



KARBEN GUARD



COLOUR RANGE:

		Best match for	Standard Aluminium Mesh	1.9mm Woven Aluminium Mesh	HDPE (Poly) Mesh
	Basalt		✓		
	Cottage Green		✓		✓
	Dark Brown		✓		
	Deep Ocean		✓		
	Dune	Evening Haze	✓		
	Gully		✓		
	Headland		✓		
	Ironstone		✓		✓
	Jasper		✓	✓	✓
	Mangrove		✓		
	Monument		✓	✓	✓
	Manor Red		✓	✓	✓
	Night Sky		✓		✓
	Paperbark	Cove Classic Cream	✓		✓
	Pale Eucalypt		✓		
	Shale Grey		✓	✓	✓
	Surfmist		✓		
	Terracotta	Terrain	✓		✓
	Vincent Brown				✓
	Wallaby	MANOR RED	✓		
	Woodland Grey		✓	✓	✓
	Wilderness				✓
	Windspray		✓		
	Mill Finish		✓		