

# Roof Tiles for Living

See the Difference



## What's inside:

- 1 – The Bristile Difference p<sup>06</sup>
- 2 – Benefits p<sup>25</sup>
- 3 – Tile Performance p<sup>26</sup>

A BRAND OF  
**BRICKWORKS**

## Start on Top

Trends change but your roof should last a lifetime. A Bristile roof not only keeps you and your loved ones dry, safe and secure – it's designed with strength in mind, all while capturing your home's unique personality and style. If you're looking to make a lasting impression then make it with Bristile Roofing.



Builder: Home Group VIC – Classic: Deep Shadow





## Adding value and beauty to your home

—

Whether you're building your own, looking after a large family, or setting up for the first time, home is where life happens. So a strong roof to protect it is essential. The good news is, you should only ever need to do it once. So do it well – and sustainably – with Bristle Roofing.

A roof can make up 40% of your home's external façade. It needs to be strong, durable, easy to care for and, of course, look like a beautifully integrated part of the building and surrounding environment.

Our tiles come in two ranges: high quality concrete tiles and our premium terracotta collection, La Escandella.

To help you, we've brought together some inspiration and practical insights to guide you through everything you need to know about your roof.

For more information visit [bristilerroofing.com.au](http://bristilerroofing.com.au)

# The Bristle Difference

---

For thousands of years, life has taken place under roof tiles. They reduce energy consumption, keep you warm and cool, are fire resistant, won't rust and offer excellent insulation. But the benefits don't stop there. We've got even more reasons why a Bristle roof always comes out on top.



The Bristile Difference #1

# Unbeatable Warranties

**More security and peace of mind**  
We’ve been around a long time. So have our tiles. Our aim is to create roofing products that you – and generations for decades to come – can enjoy. Whatever the size, scale and vision of your project, it’s good to know you’re protected.

Our warranties cover everything from colourfast terracotta that won’t fade, to workmanship, to our renowned 100-year warranty for selected products. For you, it means guaranteed reassurance. Every single time.

**Did you know:**

No other roofing material offers up to a 100-year warranty. The reason is simple – our tiles are designed to look good for life.

Standard warranty periods for roofing products







Roof Tiles	50yrs min
Metal	36yrs max*

Our Warranties

<b>100 Year Product Warranty**</b> Guarantees that selected terracotta products will remain structurally sound for 100 years.	<b>50 Year Product Warranty**</b> Guarantees that selected terracotta and all concrete products will remain structurally sound for 50 years.	<b>Colour For Life Product Warranty**</b> Guarantees that your terracotta roof tile colour will never change or fade.	<b>10 Year Total Roof Warranty**</b> Guarantees our workmanship and roof accessories we install for a 10 year period.
--	---	--	--

Concrete Roof Tiles

<b>10 YEAR</b> TOTAL ROOF WARRANTY	<b>50 YEAR</b> PRODUCT WARRANTY
---------------------------------------	------------------------------------

					
<b>Designer</b> Sleek, minimalist and quietly undulating, our Designer profile works well in contemporary house designs.	<b>Artisan</b> Timeless and enduring, these tiles are influenced by Australia's historic federation homes.	<b>Classic</b> Modern and simple, the smooth linear finish works well in city or coastal environments.	<b>Prestige</b> Understated and simple, the Prestige profile is eye-catchingly elegant and timelessly refined.	<b>Eton</b> The textured surface of this profile makes for a creatively different and prestigious look.	<b>Premiere</b> With its striking design, Premiere offers a smooth finish and dark tone akin to slate – at a much lower cost.




Traditional Terracotta

<b>10 YEAR</b> TOTAL ROOF WARRANTY	<b>50 YEAR</b> PRODUCT WARRANTY	<b>COLOUR</b> PRODUCT WARRANTY
---------------------------------------	------------------------------------	-----------------------------------

		
<b>Curvado Profile</b> Curvado's accentuated rounded shape and exciting range of colours make it the ideal tile for projects of distinction.	<b>Marseille Profile</b> A classic terracotta roof tile with a design that originates from France.	<b>Medio Curva Profile</b> Using a distinctive system of installation, the Medio Curva tile creates an eye-catching finish on any project.

Modern Terracotta

<b>10 YEAR</b> TOTAL ROOF WARRANTY	<b>100 YEAR</b> PRODUCT WARRANTY	<b>COLOUR</b> PRODUCT WARRANTY
---------------------------------------	-------------------------------------	-----------------------------------

		
<b>Planum Profile</b> A sleek, minimalist roofing product ideal for contemporary house designs.	<b>Vienna Profile</b> Features sharp lines with a sleek flat profile.	<b>Innova Profile</b> This innovative new tile profile is designed to suit a range of designs.



# All Year Round Efficiency

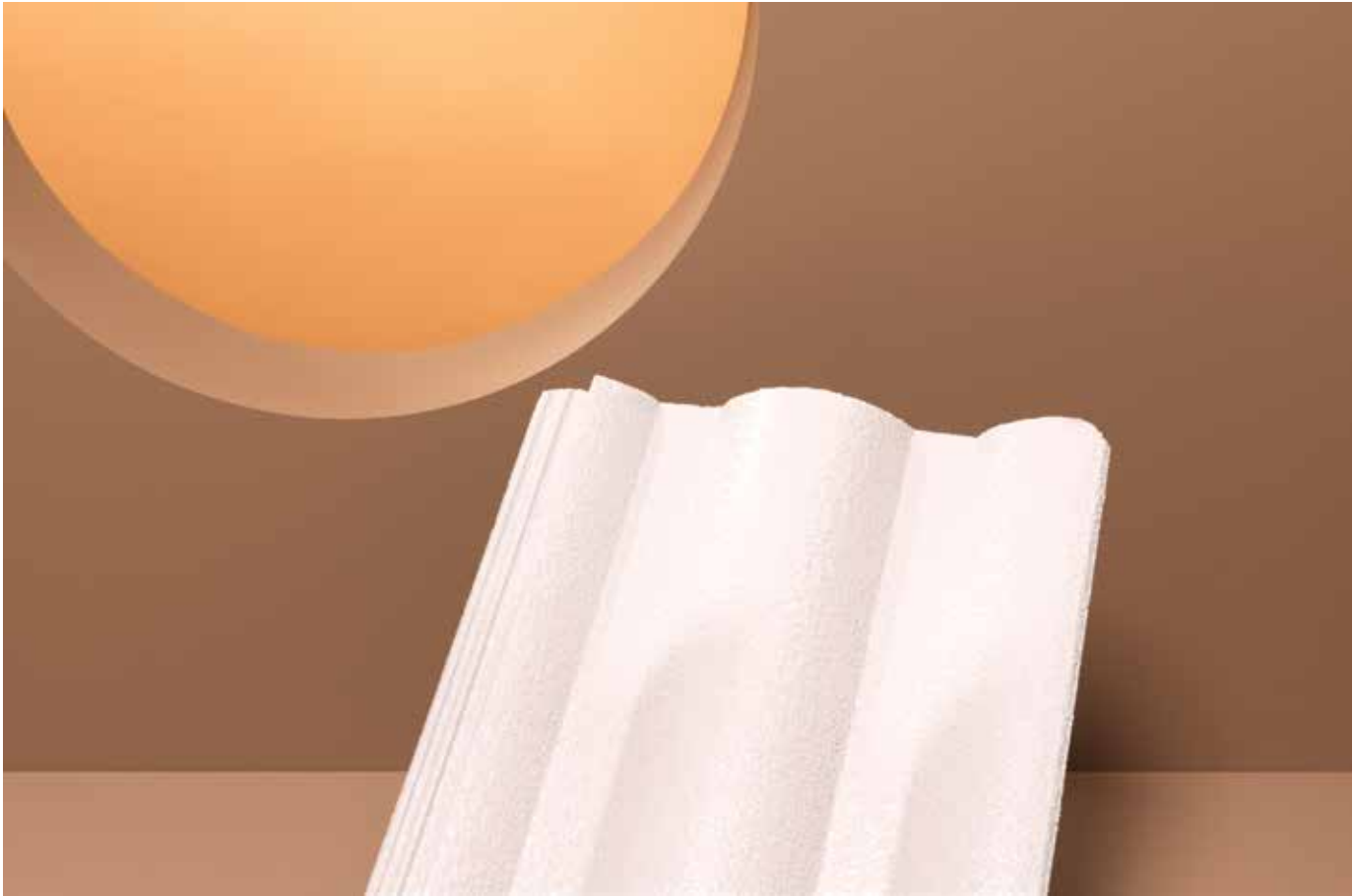
### Keeping your house comfortable

Australia’s climate is one of the harshest and most variable in the world. So it’s good to know that Bristile Roofing tiles are specifically created to deflect heat away from the roof and dissipate the thermal energy.

Tests conducted by the Florida Solar Energy Center (USA)\* showed that roof tiles reflected more heat away from the home than metal roofing of the same colour – effectively lowering the need for cooling devices like air conditioners.

Bristile Roofing is also able to offer a range of solar options. Talk to our representatives if you are interested.

10 \*Source: Florida Solar Energy Center, Comparative Summer Attic Thermal Performance of Six Roof Constructions (1997). Tests compared a white barrel style concrete roof tile with a standard white standing seam metal roofing sheet.



### Did you know:

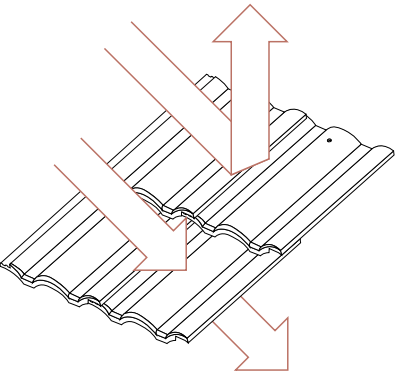
Tiles or metal roofing?  
Studies show that roof tiles reflect about 8% more heat away from the home than metal roofing of the same colour.

### Solar reflectance of roof tiles and metal roofing

#### White concrete tile roof

75.4%  
Reflected

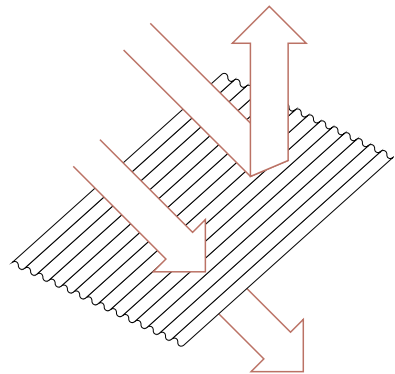
24.6%  
Absorbed



#### White metal sheet roof

67.6%  
Reflected

32.4%  
Absorbed





The Bristle Difference #3

# Strong and Enduring

**i Did you know:**

Even in our sunburnt country, we promise our terracotta tiles will never fade because the colour is 'baked in'.

## **Making your home last a lifetime**

Concrete roof tiles remain one of Australia's favourite roofing materials – and for good reason. They're designed to be incredibly strong and long-lasting, which is why our guarantees are so robust.

The colour of our La Escandella terracotta tiles is guaranteed not to fade or change, even in the hottest and driest parts of the country. This is due to the high firing temperature when they're made, which seals the product and 'bakes in' the colour.



# Lifelong Low Energy

## Making it better for the environment

Good for you, and the planet. That’s why sustainability is now more important than ever. For tiles, it’s best measured in embodied energy. That measure takes into account not just the finished product, but how it’s made, transported, installed and more.

While embodied energy can only be considered in relation to a product’s longevity or life cycle, a low embodied energy score is the aim. Concrete tiles have the lowest. Next come terracotta tiles. Finally, sheet metal roofing is the highest of the three.

**Did you know:**

Compared to metal roofing, both concrete and terracotta tiles have a lower embodied energy score – and so a smaller impact on the environment.



The total amount of energy used to produce various types of roof cladding

<b>Construction A. Concrete Roof Tiles</b> + Timber Frame + Plasterboard Ceiling	<b>Construction B. Terracotta Roof Tiles</b> + Timber Frame + Plasterboard Ceiling	<b>Construction C. Sheet Metal Roofing</b> + Timber Frame + Plasterboard Ceiling
<b>251</b> MJ/m <sup>2</sup>	<b>271</b> MJ/m <sup>2</sup>	<b>330</b> MJ/m <sup>2</sup>



# Noise Reducing

### Keeping noise out

Our roof tiles are made from dense materials like concrete and terracotta. That means they're far better at reducing noise from sources such as road and air traffic and extreme weather – by as much as 30 decibels.\*

A typical sheet metal roof on the other hand, may typically only reduce noise by around 12 decibels (or the difference between a sneeze and a firework!) Tiled roofs also minimise 'popping' or 'cracking' noises, especially when temperatures vary.

\* Cement and Concrete Association of Australia Technical Report. TR/F81.Sept. 1984



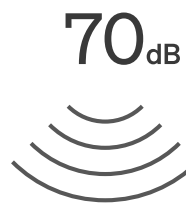
**Did you know:**

A sound roof with good noise reduction properties can bring a year-round ambience and sense of deep security to your home.

Sound insulation capabilities of concrete roof tiles and sheet metal roofing

**Roof Tiles**

**30dB Reduction**



40dB

**Sheet Metal**

**12dB Reduction**



58dB

Please note: the above diagram is an example only and is based on testing results in which roof tiles reduce outside noise by 30 decibels and metal roofing reduces noise by 12 decibels.



The Bristile Difference #6

# Reusable and Recyclable

**i Did you know:**

Reused roof tiles can save about 95% of the embodied energy of a new roof tile.

## **Life beyond your roof**

As the world turns its attention to a more sustainable future, it's good to know that Bristile Roofing's concrete and La Escandella terracotta tiles have an exceptionally long life cycle.

In fact, they can be reused and recycled from one building to another many times over, and also recycled for use in many other products – sometimes even completely new tiles.



# Repairable and Replaceable

## Easy to repair or replace

Although every single concrete and terracotta tile we offer is made to be tough, extreme weather events and accidents can happen around the home – and tiles can get damaged.

Another benefit of having a tiled roof is you only ever need to replace individual tiles. Compared to other roofing materials, this means any repairs are relatively simple. You won't need to spend a lot to replace entire sections, and the removal and replacement of a tile is much quicker and usually far more cost effective.



### Did you know:

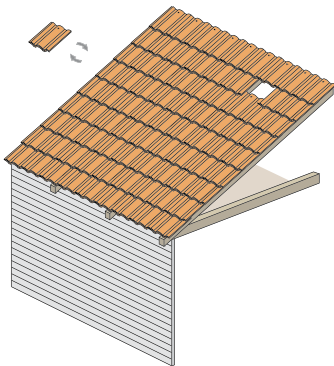
Even the toughest tiles can still be damaged – but they can be easily and quickly replaced.

### Roofing repairs comparison roof tile vs metal

#### Replacing Roof Tiles

#### 1 x Single Tile

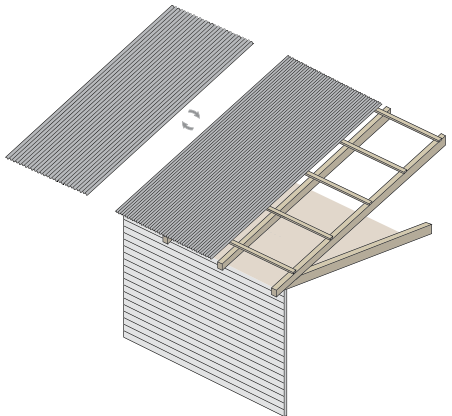
If a tiled roof is damaged, one or more tiles can be easily removed and replaced.



#### Replacing Metal

#### 1 x Entire Sheet

When a metal roof is damaged, the entire metal panel needs to be replaced, even when only a small part of it is damaged.



# Corrosion and Rust Free

## Enduring in the toughest conditions

Many homes in Australia are built in coastal environments. These can have a high salt and moisture content, which can sometimes erode metal roofing systems and cause rust over time.

Concrete and terracotta tiles are ideal for such environments as they are non-corrosive. This means they never suffer from the tarnish and weak spots that rust can create, and makes them an outstanding choice for projects in or near coastal environments.

**Did you know:**

When a metal roof rusts, it's a problem that's notoriously hard to fix. All our tiles are guaranteed to be rust-proof and never corrode.

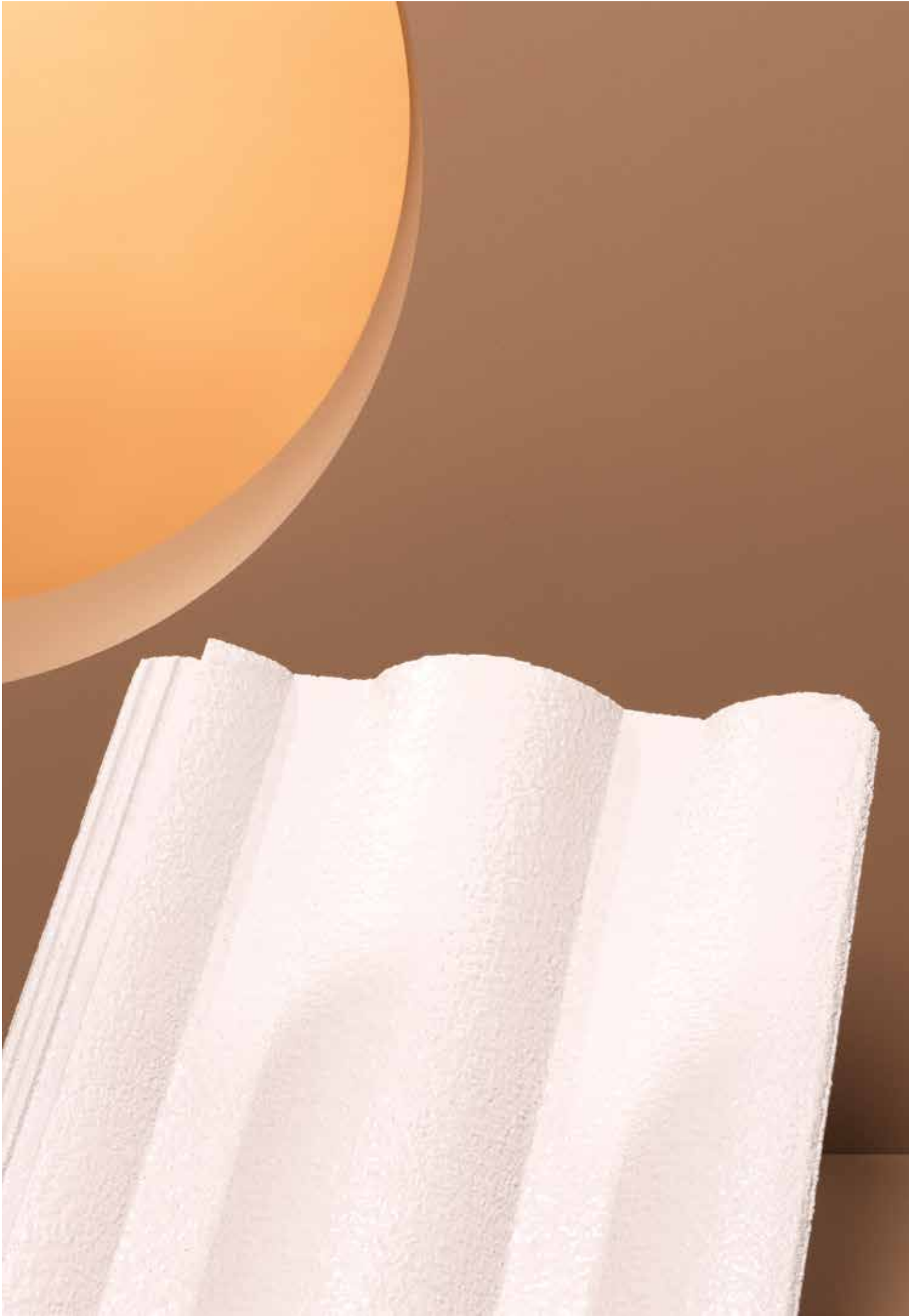


## Roofing product warranties for coastal locations

Warranty type	Warranty applies to product installed within 200m of breaking surf	Warranty applies to product installed within 5km of salt water	Roof must be cleaned with fresh water biannually to maintain warranty*	Warranty applies to colour longevity
<b>Terracotta Roof Tiles</b> Bristile Roofing Colour For Life Warranty	✓	✓	✗	✓
<b>Concrete Roof Tiles</b> Bristile Roofing 50 Year Product Warranty	✓	✓	✗	✗
<b>Standard Metal Roofing</b> 25 Year Warranty	✗	Conditions Apply	✓	✗
<b>Standard Metal Roofing</b> Up to 36 Year Extended Warranty	✗	✗	✓	✗

\* Areas not normally exposed to rain must be washed every six months with fresh water.





# Benefits

A good concrete or terracotta tile lasts a long time, reduces energy consumption, offers fire resistance, and all-year-round insulation and protection for you and your loved ones. Every Bristile tile created is also made from environmentally friendly materials, promoting a sustainable future.

Every tile we create is:

- |   |   |   |  |
|---|---|---|--|
| <p><b>+</b></p> <p><b>Warranty assured</b></p> <p>Bristile Roofing products are offered with industry leading warranties including our 10 year Total Roof and 50 year product warranty.</p> | <p><b>+</b></p> <p><b>More affordable</b></p> <p>Concrete roof tiles are one of the most affordable roofing products on the Australian market.</p>                        | <p><b>+</b></p> <p><b>Rust-proof</b></p> <p>Roof tiles are ideal for use in coastal areas as they are impervious to rust and corrosion.</p>                         | <p><b>+</b></p> <p><b>Greater variety</b></p> <p>Roof tiles are available in more colour and profile combinations than any other commonly used roofing product in Australia.</p> |
| <p><b>+</b></p> <p><b>Stronger</b></p> <p>Roof tiles must comply with strict standards in strength, and concrete roof tiles actually increase in strength as they age.</p>                  | <p><b>+</b></p> <p><b>Quieter</b></p> <p>Roof tiles can reduce noise by 30 decibels, more than twice the reduction achieved by other commonly used roofing materials.</p> | <p><b>+</b></p> <p><b>Fire-resistant</b></p> <p>Roof tiles are ideal for bushfire prone areas as they are non-combustible.</p>                                      | <p><b>+</b></p> <p><b>Low embodied energy</b></p> <p>Roof tiles are the lowest embodied energy product of the three most commonly used roofing materials in Australia.</p>       |
| <p><b>+</b></p> <p><b>Water safe</b></p> <p>Water run-off from tiled roofs is as safe to use as that from any other roofing material.</p>   | <p><b>+</b></p> <p><b>Long-lasting</b></p> <p>When it comes to longevity, concrete and terracotta roof tiles both outperform the leading competing alternative.</p>       | <p><b>+</b></p> <p><b>Heat-reflective</b></p> <p>Testing shows roof tiles will reflect more heat away from the home than other commonly used roofing materials.</p> | <p><b>+</b></p> <p><b>Temperature efficient</b></p> <p>Testing of similarly coloured roofing products shows roof tiles transfer less heat and reduce cooling costs.</p>          |

8 Star House  
Queensland



One of Queensland’s major project builders has developed in conjunction with Bristile Roofing® and Austral Bricks® an 8 Star House at the Eprapah Estate in Victoria Point, Queensland.

The 8 Star House demonstrates how heavyweight materials in conjunction with clever design can reach unprecedented energy efficiency levels, while still achieving a pleasing aesthetic and contemporary style.

From the positioning of the windows, to the choice of building materials, the 8 Star House is designed to be cool in the hot summer months and warm in the cold season.

The rooms are light and airy because the home is oriented to make the most of winter sun and summer airflows, and the exterior has deeper roof eaves to provide shade. The classic brick exterior, roof tiling, striking internal brick walls and beautiful ceramic flooring are not only distinctive design elements of the home, but they also combine to store energy from the sun and reduce the need for artificial heating and cooling.

The 8 Star House is an impressive example of sustainable design with real world application, developed in conjunction with Bristile Roofing® and Austral Bricks®.



9 Star House  
Western Australia



The Jade 909 House utilises the four well-established Passive Design Principles: Orientation, Insulation, Ventilation and Thermal Mass.

Coined as “beyond carbon neutral”, it has no air-conditioning, just ceiling fans to assist ventilation and three kilowatt PV cells that exceed the home’s power requirements. The result is a water saving of 76 percent over a standard house and a remarkable 119 percent energy saving.

The use of clay bricks and terracotta roof tiles is a feature of the home as both are materials that have a very long life expectancy.

The design and construction of the home not only meets high levels of sustainability but it’s also affordable. How affordable is it? The base model is around \$200,000 rising to about \$285,000 (as displayed) with photovoltaic cells, grey water system and rainwater tanks.

Not surprisingly, the home won numerous awards at the WA GreenSmart Awards, including the coveted Home of the Year and Water Efficiency Award.





# Backed by Brickworks

Local expertise. Global quality. Brickworks Building Products is one of Australia’s biggest building material producers. With heritage going all the way back to one of Australia’s founding brick producers, we’re proud of our reputation for design, innovation and sustainability.

## BRICKWORKS

### AUSTRALIA



### NORTH AMERICA



### INTERNATIONAL BRANDS



Builder: Orbit Homes - Prestige: Cool Smoke



# Get in Touch

For more information, advice and samples get in touch with the Bristle Roofing team.

bristileroofting.com.au  
1300 274 784

<b>Bristle Roofing Head Offices</b>	<b>New South Wales</b> Tel. 02 9830 7800 2 Latitude Road Horsley Park NSW 2175	<b>Queensland</b> Tel. 07 3212 2444 164 Viking Drive Wacol QLD 4076	<b>Victoria</b> Tel. 03 8710 8710 41-55 Elliott Road Dandenong VIC 3175	<b>Western Australia</b> Tel. 08 9261 9999 245 South West Hwy Armadale WA 6112
---	---	--	--	---

<b>Design Studios</b>	<b>Sydney</b> Tel. 02 9611 4200 2 Barrack Street Sydney NSW 2000	<b>Brisbane</b> Tel. 07 3634 5604 27 James Street Fortitude Valley QLD 4006	<b>Hobart</b> Tel. 03 6212 9120 7-9 Franklin Wharf Hobart TAS 7000
	<b>Melbourne</b> Tel. 03 8621 7777 Ground Floor 367 Collins Street Melbourne VIC 3000	<b>Adelaide</b> Tel. 08 8443 2222 Ground Floor 70 Hindmarsh Square Adelaide SA 5000	

<b>Design Centres</b>	<b>Albion Park</b> Tel. 02 4203 3607 45 Princes Highway Albion Park NSW 2527	<b>Canberra</b> Tel. 02 6143 2400 7 Lithgow Street Fyshwick ACT 2609	<b>Osborne Park</b> Tel. 08 9260 2700 1/94 Hector Street Osborne Park WA 6017	<b>Wollert</b> Tel. 03 9303 4000 Brick Makers Drive Wollert VIC 3750
	<b>Bowral</b> Tel. 02 4880 1123 1 Kiama Street Bowral NSW 2576	<b>Rochedale</b> Tel. 07 3347 2111 105 Gardner Road Rochedale QLD 4123	<b>Golden Grove</b> Tel. 08 8282 6301 201 Greenwith Road Golden Grove SA 5125	<b>Lynbrook</b> Tel. 03 8788 8300 Cnr Westernport Highway & Northey Road Lynbrook VIC 3975
	<b>Newcastle</b> Tel. 02 4944 6200 2 Yangan Drive Beresfield NSW 2322	<b>Toowoomba</b> Tel. 1300 612 007 29 Mort Street Toowoomba QLD 4350	<b>Launceston</b> Tel. 03 6325 5700 81 Brisbane Street Launceston TAS 7250	
	<b>Port Macquarie</b> Tel. 02 5525 5500 1/28 Fernhill Road Port Macquarie NSW 2444	<b>Townsville</b> Tel. 07 4431 2800 2 Blakey Street Garbutt QLD 4814	<b>Deer Park</b> Tel. 03 9361 8400 972 Western Highway Deer Park VIC 3164	
	<b>Punchbowl</b> Tel. 02 9101 4890 62 Belmore Road Punchbowl NSW 2196	<b>Cairns</b> Tel. 1300 612 007 8 Palmer Street Portsmith QLD 4870	<b>Geelong</b> Tel. 03 5224 3200 200 Torquay Road Grovedale VIC 3216	

Follow Us





Visit. [bristileroofing.com.au](http://bristileroofing.com.au)

Call. 1300 274 784

A BRAND OF

**BRICKWORKS**

