

Choose a steel roof and you will see and feel the difference.

TICK OFF THE BENEFITS OF LIVING UNDER A STEEL ROOF:

- ✓ Lightweight
- ✓ Design flexibility
- ✓ Impervious to water
- ✓ Large colour range
- ✓ Thermal performance
- ✓ Strength
- ✓ Thermatech® technology
- ✓ Increased security
- ✓ Building Code solution
- ✓ Non-combustible
- ✓ Low maintenance
- ✓ Environmentally friendly

Stramit® roofing manufactured from COLORBOND® steel gets all the ticks plus more. Whether you are building a new home or upgrading your existing roof, you should consider all of the above points. Then make the comparison with other commercially available non-steel roofing materials and you will see – and feel – the difference.

Stramit 

A dozen good reasons why you should choose

LIGHTWEIGHT

Did you know? A steel roof on an average sized house weighs approximately 1 tonne. A similar sized concrete tiled roof weighs approximately 12 tonnes (that's dry weight – even heavier when wet).

This weight advantage means a lot less strain on the roof framing, walls and foundations - which means less potential for cracking walls and sagging roofs.

IMPERVIOUS TO WATER

COLORBOND® steel does not absorb water. Therefore there is increased water run-off for water harvesting, and the weight of the roof does not increase as a result of water absorption.

Concrete roof tiles can absorb an additional 5-10% of their weight in water during prolonged rain periods. The additional weight can be almost as much again as the total weight of a steel roof.

All that additional weight can't be good for the structure and foundations.

THERMAL PERFORMANCE THE R-RATED ADVANTAGE

Stramit® roofing made from COLORBOND® steel and insulated as per the recommendations of the Insulation Council of Australia and New Zealand (ICANZ), can achieve a greater R-value performance than tiles.

Also, steel roofing does not store heat, as tiles do. Therefore when the hot sun is off your roof, it will cool down considerably faster and also contribute to reduced energy usage and costs.

This will leave you feeling more comfortable – warmer in winter and cooler in those extended summer heat waves.



THERMATECH® TECHNOLOGY

And there's more. COLORBOND® steel now has Thermatech® solar reflectance technology. New Thermatech® technology works by reflecting more of the sun's heat away from the roof, leaving the roof space and therefore the building and surrounding environment, cooler.

Thermatech® technology acts like added insulation. In hot weather, COLORBOND® steel with Thermatech® can help reduce peak roof temperatures by up to 11degC and provides an equivalent increase in insulation of up to R1.0. That's a breath of fresh air for everyone.

BUILDING CODE SOLUTION

The Building Code of Australia (BCA) has classified roof colour on the basis of solar absorptance,



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Use a steel roof for your home.

referred to as Very Light, Light and Dark. Light coloured roofing material remains cooler than darker coloured roofing materials.

The cooler temperature has many benefits including the ability to reduce energy costs for cooling a building. Seven colours in the COLORBOND® steel palette are now classified as Light or Very Light under BASIX and the BCA's colour classification. And with Thermatech® solar reflectance technology, even darker colours perform better.

This offers homeowners a greater choice of colours and, in some parts of Australia, reduced need for the amount of insulation required to meet building regulations.

LOW MAINTENANCE

Steel roofing requires minimal maintenance. Generally, where a roof is naturally washed by rainwater, it will maintain its good looks and continue to perform for many years. Steel roofing does not require any mortar bedding or other bonding agents that could become cracked or broken over time, resulting in additional maintenance. The benefit of using roofing made from COLORBOND® steel is the ease of installation and the fact that once it is fixed it needs little other work. Steel roofing is strong, secure, energy smart, looks great and delivers outstanding, long life performance.

DESIGN FLEXIBILITY

The wide range of Stramit® roofing profiles gives you the freedom to design a home that is all you. Roofing made from COLORBOND® steel suits any style of home and can be curved and shaped to achieve dramatic lines suited to both modern or more traditional and heritage styles. Because it is relatively lightweight, it gives you the flexibility to locate internal walls and design a floor plan that suits your lifestyle. There is also a wide choice of colours, allowing you to put that perfect finishing touch to your home.



LARGE COLOUR RANGE

The COLORBOND® steel range, now with Thermatech® solar reflectance technology, allows you to choose from 20 colours that have been developed in consultation with architects and consumers to reflect Australian lifestyle, tastes, building styles and the environment.





The wide range of colours, from lighter to darker, means you have plenty of scope to work with your architect, builder and local council to come up with a design solution that satisfies personal preferences as well as environmental performance requirements.

STRENGTH

High tensile, high strength steel roofing is stronger and much lighter than most other roofing materials. The inbuilt strength of steel roofing profiles from Stramit Building Products allows you to span further, and to design larger open living areas in your home. Combining the strength of steel with a superior oven-baked painted finish, COLORBOND® steel is made to withstand just about anything the harsh Australian climate can throw at it.

INCREASED SECURITY

Roofing made from COLORBOND® steel, when installed in accordance with Stramit Building Products recommendations, will provide additional security not available with other commercially available roof claddings.

Steel roofing is visibly fixed at every batten, giving you additional security against illegal entry, which means you rest easier. It is also a well-known fact that steel roofing outperforms tiles in severe hailstorms.

Steel roofs may dent when hit by large hailstones, but will not crack, as tiled roofs can. Cracks inevitably lead to water penetration and costly internal damage and disruption.

NON-COMBUSTIBLE

COLORBOND® steel is known to have a high tolerance to heat and flames and is defined as “non-combustible” within the requirements of the Building Code of Australia as well as numerous local councils and fire authorities.

ENVIRONMENTALLY FRIENDLY

From an environmental point of view, steel is one of the great performers. Steel is one of the world's most recycled products. In fact, more than one million tonnes are recycled every day worldwide. Steel is 100 per cent recyclable - which means its life cycle is potentially continuous.

Steel scrap is a necessary component in the production of new steel. The Australian steel industry has always been a good recycler. But in recent years, with growing community awareness of the benefits of recycling, the industry has made even stronger moves to reuse as much steel as possible. Insisting on a roof made from COLORBOND® steel is a tick for the environment, for sustainability and for future generations.

