

Zincalume®

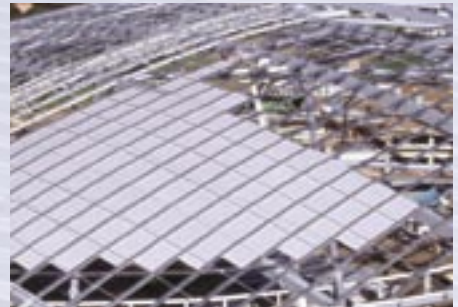
LOOKING NEWER FOR LONGER

ZINCALUME® STEEL



FROM STRENGTH

TO STRENGTH



With a lifetime of up to four times that of ordinary galvanised steel, ZINCALUME® steel delivers outstanding durability. But, more importantly, it also gives you the confidence that the award winning material you've chosen for your next project will perform today and look newer for longer.

World leading steel technology

By harnessing its world leading technological resources, BlueScope Steel is continually improving the production process used to make ZINCALUME® steel. So, when you choose ZINCALUME® steel you can be confident you're also reaping the benefits of our intensive multi-million dollar research programmes – and BlueScope Steel's local knowledge of the performance demands for steel building products.

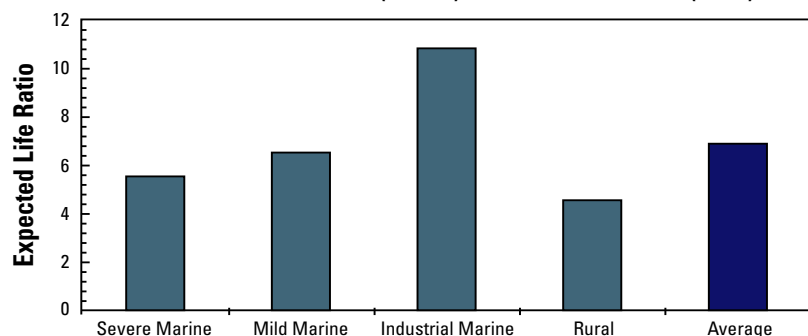


A significantly longer lifespan

ZINCALUME® steel was developed after extensive research into improving the traditional performance of galvanised iron. By blending aluminium with zinc in an alloy coating, BlueScope Steel researchers discovered a way to greatly enhance

corrosion resistance. As a result, our extensive testing programme indicates that ZINCALUME® steel's lifespan is up to four times that of ordinary galvanised steel. It's been proven to stand the test of time because it was designed to withstand the rigours of a wide range of unique climatic conditions.

55%Al-Zn Coated steel (AZ150) vs Galvanized Steel (Z275)



Cost effective

Lightweight, versatile and durable, ZINCALUME® steel is the smart building choice – delivering long-lasting performance at a cost-competitive price.

That's why, for over two decades leading architects, engineers and manufacturers have put ZINCALUME® steel to work on everything from industrial buildings, steel framing and home appliances through to garage doors, guttering and roofing.

Thermal Efficiency

Steel roofing and cladding made from ZINCALUME® steel provides excellent design flexibility, enabling the design, orientation and construction of energy efficient housing. Since steel is a thermally efficient product with a low thermal mass, it can minimise the total energy consumed in heating and cooling.

In summer, a lightweight roof made from ZINCALUME® steel causes less heat to be radiated into your home as it cools down at night. And in winter the same steel roof, properly insulated, helps keep the heat inside. Whatever the climate, whatever the weather, ZINCALUME® steel is the energy-smart roofing choice.

Environmentally Friendly

BlueScope Steel is committed to recycling as much steel as possible. In fact, steel scrap is now a major component in BlueScope Steel's production of new steel. Wherever we operate, we develop, implement and maintain management systems for health, safety, environment and the community that are consistent with internationally recognised standards and enable us to achieve leading industry practice, and exceed applicable requirements. We set and achieve targets that include reducing waste and preventing pollution, and develop our people to provide advice on the responsible use of our products.

It's a design classic in the making

ZINCALUME® steel offers designers the unique combination of value for money and incredible design flexibility. Whether your next project is being created for a purely functional application or for a leading edge design, ZINCALUME® steel makes it easier to create an enduring design classic – from roofing and walling and garage doors to house framing and steel home appliances. Not to mention guttering and press formed components.

DESIGN



FLEXIBILITY

You can use ZINCALUME® steel with confidence. It's easy to paint, handle, store and install – with corrosion resistance that's up to four times greater than that of ordinary galvanised steel.

Easy to paint

The satin-smooth finish of ZINCALUME® steel provides the ideal surface for painting. A water-based acrylic top-coat simply glides on for a high quality finish, without the need for priming. It's that easy.

All that's required is a clean, dry surface, and simply follow the manufacturer's instructions.

All of BlueScope Steel's products are tested against the elements at our exposure site at Bellambi Point, NSW Australia.

Easy to handle

Because it reduces the need for roll-forming lubricants during manufacture, ZINCALUME® steel is less slippery. This makes for easier handling by roof fixers, and because it's less slippery, it's a safer product to install, particularly on steeply pitched roofs.

The resin coating on ZINCALUME® steel provides excellent mark-resistant qualities. For the roll-former, roof fixer, builder or manufacturer, marks from sweaty hands or moisture are a thing of the past, and boot and scuff marks are virtually eliminated. Wear and tear on rolls and dies is reduced and surface marking during rolling is also minimised.

Easy to weld and fasten

ZINCALUME® steel can be readily spot-welded, using conditions similar to those for zinc-coated steel. To maximise welding equipment life, ensure that correct cooling water, tip configuration and re-conditioning methods are observed.

When it comes to fastening, ZINCALUME® steel can be bent, folded, stamped, punched or crimped. Integral fastener systems include seam, tab and recess and extruded interlock systems.





Our company

BlueScope Steel is the leading steel company in Australia and New Zealand, supplying a large percentage of all flat steel products sold in these markets. We specialise in the production of flat steel products, including slab, hot rolled coil, cold rolled coil, plate and value-added metallic coated and painted steel products. Within Australia, our BlueScope Lysaght business roll-forms and supplies a range of steel building products, including roof and wall cladding, steel house framing, rainwater products and fencing. Our steelworks at Port Kembla in New South Wales is the largest steel production facility in Australia and one of the world's lowest-cost producers of steel products, exporting to 54 countries world wide.

BlueScope Steel has been trading in Asia for over four decades, and continues to build a strong market profile offering exciting growth potential. Our extensive market in Asia has grown from operating Lysaght rollforming businesses in this region, as well as the pacific rim. To serve customers' needs directly, BlueScope Steel has built manufacturing facilities in a number of Asian countries and these are now operating efficiently and growing rapidly in profitability. These include

metal coating and painting operations in Malaysia, Thailand, Indonesia, Vietnam and China, and also a joint venture with Tata in India.

In the US, BlueScope Steel acquired Butler Manufacturing, who are the world's leading manufacturer and provider of pre-engineered steel building systems with number one market positions in North America and China. With this acquisition, BlueScope Steel now has equal employee numbers in Australia, Asia and the US.

As we are steel makers, rollformers and steel building PEB's makers, BlueScope Steel is uniquely placed to understand our customers needs. We are widely recognised for fostering the development of innovative steel solutions through our own research and through strategic alliances with world-leading technical partners. Coupled with comprehensive technical support from our world wide network of BlueScope Steel sales offices, we lead the way in providing excellence in service and reliability.

With over 13 million tonnes of ZINCALUME® steel produced since its development in 1976, you can be sure that when you're with BlueScope Steel you are dealing with someone you can trust.

Our Bond

We and our customers proudly bring inspiration, strength and colour to communities with BlueScope Steel.

Our customers are our partners

Our success depends on our customers and suppliers choosing us. Our strength lies in working closely with them to create value and trust, together with superior products, service and ideas.

Our people are our strength

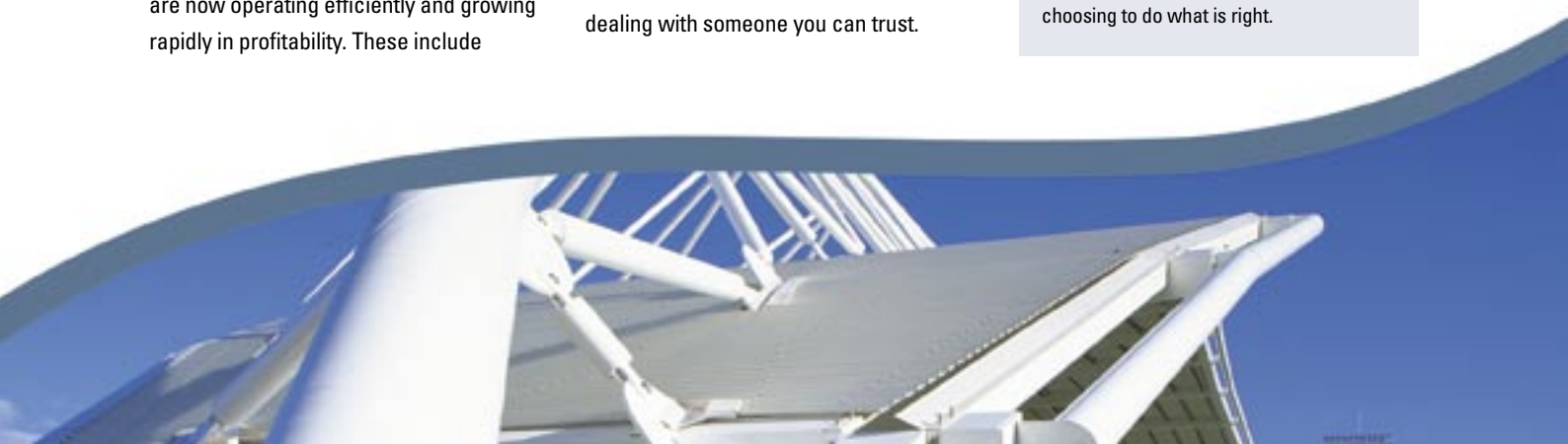
Our success comes from our people. We work in a safe and satisfying environment. We choose to treat each other with trust and respect and maintain a healthy balance between work and family life. Our experience, teamwork and ability to deliver steel inspired solutions are our most valued and rewarded strengths.

Our shareholders are our foundations

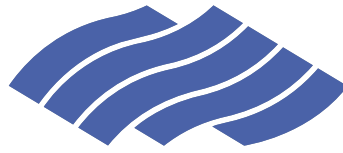
Our success is made possible by the shareholders and lenders who choose to invest in us. In return, we commit to continuing profitability and growth in value, which together, make us all stronger.

Our communities are our homes

Our success relies on communities supporting our business and products. In turn, we care for the environment, create wealth, respect local values and encourage involvement. Our strength is in choosing to do what is right.



Zincalume®



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BlueScope Steel Limited ABN 16 000 011 058



THERMAL
EFFICIENCY



DESIGN
FLEXIBILITY



DURABILITY



ENVIRONMENTALLY
FRIENDLY

For more information please visit www.zincalume.com