

UniZinc

Suitable for roofing, cladding and sheds



1300 BUY STEEL
fnw.com.au

BRISBANE | TOOWOOMBA | INVERELL | GRAFTON



UniZinc™ is produced for applications requiring outstanding corrosion resistance and ensures long-lasting ultimate performance.

Technical

Independently laboratory tested to ensure ultimate performance in the harsh Australian environment.

Substrate

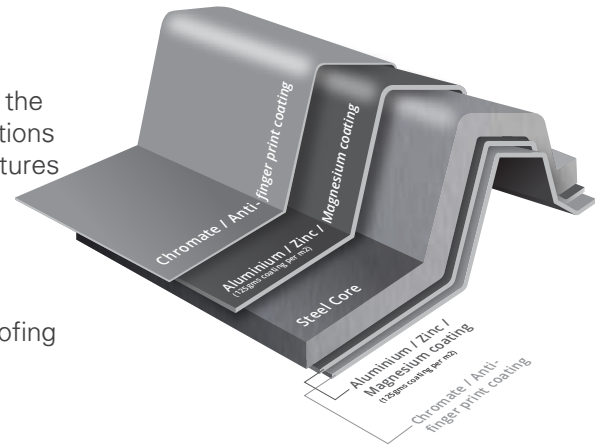
Hot-dipped Aluminium / Zinc / Magnesium alloy coated steel coil, 125gms/m2 coating weight. Manufactured to AS1397:2011 Corrosion Resistance With the addition of magnesium to aluminium, UniZinc™ stabilises the self-sacrificial corrosion of zinc on the coated surface and on scratches or cut edges that can occur during manufacturing or installation on-site. It offers outstanding corrosion resistance.

Heat Resistance

UniZinc™ offers outstanding heat resistance. Such characteristics are attributed from the high aluminium content (80% of surface volume) in the coating layer and is ideal for applications which are exposed to high temperatures for long periods of time.

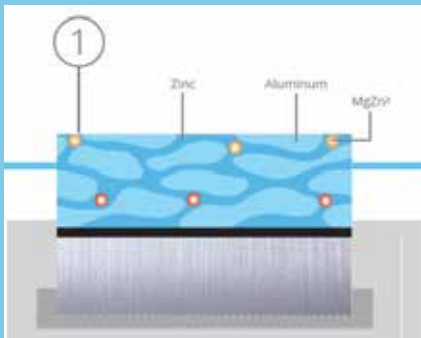
Heat Respectability

UniZinc™ offers excellent heat respectability and can be used in roofing or walling to save on energy costs associated with cooling or heating.

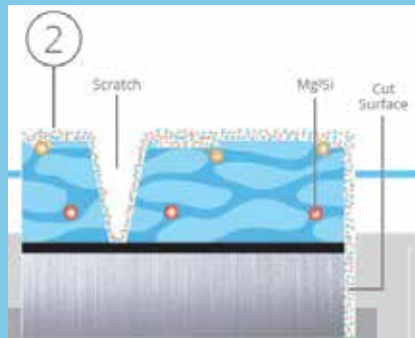


How does UniZinc™ protect the base metal

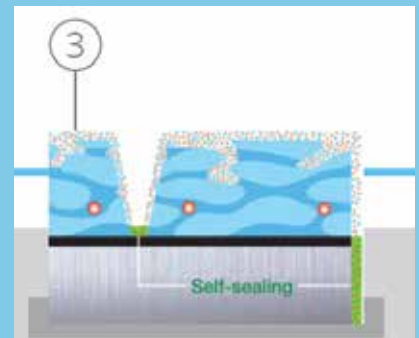
Selection Steel offers warranties of differing lengths on UniZinc™ for residential, commercial and industrial buildings in ISO 1-3 environments, depending on whether the product will be used for roofing or cladding.



The Aluminium - Zinc - Magnesium layer effectively protects the base metal by preventing corrosion. This layer gives UniZinc™ Roofing and Cladding products its strong resistance to weathering caused by natural elements.



When the base metal is exposed by a cut or scratch, the Aluminium - Zinc - Magnesium layer becomes self-sacrificial, with a protective coating which reacts by creating an oxidised zinc film over the exposed area.



The aluminum layer remains and protects the steel sheet from the external environment while the zinc in the plated layer is consumed by self-sacrificial corrosion.

Dual reactions of zinc and aluminum protect the base metal the most severe environments.

Warranty Terms

Selection Steel offers warranties of differing lengths on UniZinc™ for residential, commercial and industrial buildings in ISO 1-3 environments, depending on whether the product will be used for roofing or cladding.

Area	Application	Warranted Period
		Perforation
Residential, Commercial, Light Industrial	Roof (over 1 km from Marine & Industrial environment)	Up to 30 years
	Wall (over 1 km from Marine & Industrial environment)	Up to 15 years
Rain Water Goods	Gutters, Downpipes & Fascia (over 1 km from Marine & Industrial environment)	Up to 15 years

*Applicable to areas over 1km from Marine and Industrial environments. Refer to specific warranty information for full terms and conditions, including exclusions and minimum maintenance requirements. Buildings close to industrial areas which are exposed to corrosive chemicals may require P.V.D.F. for added protection. Visit unicote.com.au and complete the warranty enquiry form.