Zincalume®



INTRODUCING ZINCALUME® with Activate® Technology

Following the successful launch of COLORSTEEL® Maxam®, we are pleased to now offer ZINCALUME® with the same game changing Activate® technology.

WHAT'S CHANGING?

New AM125 ZINCALUME® with Activate® technology is an aluminium / zinc / magnesium alloy coated steel designed to slow the rate of corrosion resulting in more effective, longer-lasting protection. It is being introduced to replace the current AZ150 ZINCALUME®. Key benefits include:

- Superior corrosion resistance, particularly at cut edges and around fasteners and penetrations.
- Extended warranty coverage - up to 25 years for residential and commercial applications.
- Proven performance and already trusted in COLORSTEEL® MAXAM® products.

WHAT IS ACTIVATE® TECHNOLOGY?

ACTIVATE® technology, refers to our new and patent protected; high performance AM metallic coating, designed to deliver enhanced corrosion resistance. This is the coating applied to the base steel, and as patented technology, is only available to New Zealand Steel brands.

The current offering, AZ150 ZINCALUME®, has a metallic alloy coating known as AZ. Think of this as an Aluminium (55%), Silicone (1.5%) and the remainder Zinc, coating. With AZ alloy coatings, the aluminium provides barrier protection to corrosion, in addition to the sacrificial protection offered by zinc. High performance AM metallic alloy coatings go one step further, with the addition magnesium (Aluminium 55%, up to 3% Magnesium and the remainder Zinc).

Our ACTIVATE® technology is not just about the inclusion of Aluminium, Zinc and Magnesium, but our unique composition and microstructure of the AM alloy coating to deliver enhanced corrosion resistance.

- The aluminium/zinc/magnesium compounds are strategically positioned in the coating to activate at the start of weathering when they are most vital to provide sacrificial protection.
- The magnesium compounds encourage the formation of a more robust barrier at cuts and scratches, slowing the rate of subsequent corrosion.
- The magnesium compounds also 'activate' the metal coating resulting in more effective, longer-lasting sacrificial protection.



WHAT WARRANTIES WILL AM125 ZINCALUME® OFFER?

AM125 ZINCALUME® will offer improved warranties with commercial and residential warranties aligned.

NEW ROOFING & CLADDING PERFORMANCE WARRANTY*

	Environmental Categories				
	MILD	MODERATE	SEVERE	VERY SEVERE	EXTREMELY SEVERE
Perforation	25 years	20 years	Not recommended	Not recommended	Not recommended

*To view the full Zincalume warranty guidelines, visit nzsteel.co.nz.

ORDERING NEW AM125 ZINCALUME®

Your rollformer will be able to confirm if you will receive the new AM125 ZINCALUME®. To identify AM125 ZINCALUME®, check the backer branding on your sheets.

AM125 ZINCALUME® features a slightly darker appearance and a finer spangle pattern than AZ150. To ensure aesthetic consistency, we recommend not mixing AZ150 and AM125 on the same plane.

HOW DO I LEARN MORE?

If you have any further technical questions, please do not hesitate to reach out to your local Business Development Manager, email specifications@colorsteel.co.nz or ask your local rollformer.

New Zealand Steel | Zincalume®