

Competitor Comparison

	ZinaCore™ vs Std AZ150 competitor	MagnaFlow™ vs Std AZ200 competitor	AlumiGard™ No direct competitor
	For mild to Marine environments (ISO 1-3)	For severe marine environments (ISO 4)	For very severe marine (ISO 5)
Substrate core	Steel	Steel	Aluminium alloy
Coating on steel	Zinc/aluminium coating	Zinc/aluminium/magnesium coating	N/A
Colour options	41 standard colours	41 standard colours	41 standard colours
Stocked options (for quick delivery)	8 colours x 3 sizes	8 colours x 3 sizes	6 colours x 7 sizes
Paint options	Standard paint (appropriate for most applications) 'X' paint (70% PVDF resin) available for environments with corrosive substances	Single paint option only	Standard paint (appropriate for most applications) 'X' paint (70% PVDF resin) available for environments with corrosive substances
Published warranty periods – for perforation as a result of corrosion†	Up to 30 years in mild to marine environments (ISO 1-3 roofing)	Up to 25 years in severe marine conditions (ISO 4 roofing)	Up to 25 years in very severe marine conditions (ISO 5 roofing)
Independent durability tests (MagnaFlow against AZ150 only)		8 times the corrosion resistance of AZ150 products (salt spray test JIS Z2379)	
Approximate installed cost premium to move to a more corrosion resistant substrate (ColorCote only)	No premium	Around 11% premium (installed) to ZinaCore*	Around 50% premium (installed) to MagnaFlow*

Why do you have magnesium in the MagnaFlow alloy?

Magnesium enables the zinc to flow over steel core faster than zinc alone. This reduces the exposure time for cut edges significantly, increasing the resistance to corrosion.

Why doesn't your aluminium product have an alloy coating?

Aluminium doesn't rust. In effect the whole substrate protects itself against corrosion, because it self-pacifies. Although it costs more, it will last many more years, even in environments with heavily salt-laden air.

Why do you have two paint options?

We provide a range of substrates to cope with the variations in coastal environments in NZ, however industrial environments with chemicals may also shorten the life of your roof or cladding. By offering a PVDF paint option, we can also ensure protection against chemicals in buildings such as airports, gas stations, factories that use strong cleaning agents such as caustic soda, storage facilities for fertilizers, and in geothermal areas where sulphur is present.

* Cost comparison based on QV cost builder, with an adjustment for additional cost of fixings.

† The specific warranty period for your build may differ from this maximum shown, as specifics around building site, design & product will impact warranty. We recommend you confirm warranty with your roofing manufacturer before specifying.