



# Residential Warranty, Environmental Categories, & Product Maintenance



# Made to stand the test of time

In New Zealand we can face some harsh environmental conditions. To maximise the life of your COLORSTEEL® products and maintain the warranty, some simple maintenance is required. The following maintenance practices will help to ensure the long-term performance, durability and aesthetic appeal of your COLORSTEEL®.

## Helping your steel roofing & cladding last longer

All roofing and cladding products are subject to the cumulative effects of weather. Regular washing of steel products increases their durability by limiting attack from airborne salts, pollutants and other build up. Normal rain washing will remove most contaminants from roofs.

Wall cladding requires manual washing to prevent build-up of containments that aren't removed by rain washing.

Other areas that do not receive adequate rain washing (known as unwashed areas) require more extensive manual washing. These areas include soffits, undersides of gutters, fascias, and sheltered areas of garage doors as well as any external objects such as air conditioning units, television aerials, flues and solar panels.

## Washing your steel roofing & cladding

Roofing and wall cladding products may be manually washed by either water and a sponge, a soft nylon-bristled brush or by water blasting at pressures of no more than 20MPa.

## Special Environments

In New Zealand there are areas where local conditions create an increased likelihood of corrosion. Special consideration should be given to material selection in these areas. If you think your project may experience one of the following environments, please contact New Zealand Steel, or your supplier, for advice about the best COLORSTEEL® product to use.

### GEOTHERMAL AREAS

Hydrogen sulphide associated with geothermal activity creates a corrosive environment. Variations in natural activity or draw-off from steam bores plus the effects of weather conditions make the high-risk areas hard to define.

### HIGH HUMIDITY INTERNAL ENVIRONMENTS

Processing plants and enclosed swimming pools can create an environment with high humidity which requires special consideration for material selection and maintenance.

### INTERNAL ENVIRONMENTS

Some commercial or agricultural applications may create internal environments in which the build-up of pollutants or fumes is a potential source of corrosion. Sheds for intensive animal farming can create a particularly aggressive internal environment.

### INDUSTRIAL ENVIRONMENTS

Environments close to corrosive industrial emissions that may be subject to heavy fallout require extra consideration.

New Zealand has a wide range of environmental conditions.			EXTREMELY SEVERE				VERY SEVERE				SEVERE				MODERATE			
<p>This chart is intended as a guide only. Design, position and other factors can influence which product is recommended. Please contact COLORSTEEL® or your supplier for further advice on the best COLORSTEEL® product to use. Warranty inquiries can be sent to <a href="mailto:nzs.warranty@bluescopesteel.com">nzs.warranty@bluescopesteel.com</a>.</p> <p><span>■</span> Eligible for a residential warranty. <span>■</span> Not eligible for a residential warranty.</p> <p><sup>1</sup> Against perforation as a result of corrosion. <sup>2</sup> Covering the paint surface against flaking, peeling and excessive fade.</p>			<p>The environment typically starts 0m from the high-water line on both coasts with the following conditions:</p> <ul style="list-style-type: none"><li>• Very heavy salt deposits.</li><li>• Constant smell of salt spray in the air.</li><li>• Immediate vicinity of breaking surf and offshore construction such as on jetties, wharfs or breakwaters.</li></ul> <p><i>For anything within 100 metres of a salt water body, please contact COLORSTEEL® for confirmation of your warranty. This environment may be extended inland by prevailing winds &amp; local conditions.</i></p>				<p>Typically starts 25m from the high-water mark on the east coast and 50m from the high-water mark on the west coast, characterised by:</p> <ul style="list-style-type: none"><li>• Heavy salt deposits.</li><li>• The almost constant smell of salt spray in the air.</li><li>• Close to breaking surf such as is found on exposed coasts.</li></ul> <p><i>For anything within 100 metres of a salt water body, please contact COLORSTEEL® for confirmation of your warranty. This environment may be extended inland by prevailing winds &amp; local conditions.</i></p>				<p>Typically starts 100 – 500 metres from breaking surf such as is found on exposed coasts, characterised by:</p> <ul style="list-style-type: none"><li>• Light salt deposits.</li><li>• A frequent smell of salt in the air.</li><li>• In the immediate vicinity of large expanses of calm salt water such as harbour foreshores.</li></ul> <p><i>This environment may be extended inland by prevailing winds &amp; local conditions.</i></p>				<p>Typically starts 500 – 1000 metres from breaking surf such as is found on exposed coasts or in the immediate vicinity of calm saltwater such as estuaries. Moderate environments categorise the majority of New Zealand and are characterised by:</p> <ul style="list-style-type: none"><li>• Little or no salt deposits.</li><li>• The occasional smell of salt in the air.</li></ul>			
			ROOFING	WALL CLADDING	GUTTER DOWNPIPES	FASCIA	ROOFING	WALL CLADDING	GUTTER DOWNPIPES	FASCIA	ROOFING	WALL CLADDING	GUTTER DOWNPIPES	FASCIA	ROOFING	WALL CLADDING	GUTTER DOWNPIPES	FASCIA
ENDURA®	RESIDENTIAL WARRANTIES	PERFORATION <sup>1</sup>	Not recommended in this environment				Not recommended in this environment				15 YEARS	Not recommended	10 YEARS	15 YEARS	30 YEARS	15 YEARS	10 YEARS	15 YEARS
		PAINT <sup>2</sup>									15 YEARS		5 YEARS	5 YEARS	18 YEARS	15 YEARS	10 YEARS	10 YEARS
	MAINTENANCE										Rain washing		Manual washing every 3 months	Manual washing every 3 months	Rain washing	Manual washing every year	Manual washing every 6 months	Manual washing every 6 months
MAXX®	RESIDENTIAL WARRANTIES	PERFORATION <sup>1</sup>	Not recommended in this environment				15 YEARS	15 YEARS	10 YEARS	15 YEARS	20 YEARS	15 YEARS	10 YEARS	15 YEARS	30 YEARS	15 YEARS	10 YEARS	15 YEARS
		PAINT <sup>2</sup>					15 YEARS	15 YEARS	10 YEARS	10 YEARS	15 YEARS	15 YEARS	10 YEARS	10 YEARS	18 YEARS	15 YEARS	10 YEARS	10 YEARS
	MAINTENANCE						Rain washing	Manual washing every 3 months	Manual washing every month	Manual washing every month	Rain washing	Manual washing every 6 months	Manual washing every 3 months	Manual washing every 3 months	Rain washing	Manual washing every year	Manual washing every 6 months	Manual washing every 6 months
ALTIMATE®	RESIDENTIAL WARRANTIES	PERFORATION <sup>1</sup>	25 YEARS	20 YEARS	10 YEARS	15 YEARS	25 YEARS	20 YEARS	10 YEARS	15 YEARS	30 YEARS	20 YEARS	12 YEARS	15 YEARS	30 YEARS	25 YEARS	12 YEARS	15 YEARS
		PAINT <sup>2</sup>	15 YEARS	15 YEARS	10 YEARS	10 YEARS	15 YEARS	15 YEARS	10 YEARS	10 YEARS	15 YEARS	15 YEARS	10 YEARS	10 YEARS	18 YEARS	15 YEARS	10 YEARS	10 YEARS
	MAINTENANCE		Rain washing	Manual washing every 3 months	Manual washing every month	Manual washing every month	Rain washing	Manual washing every 3 months	Manual washing every month	Manual washing every month	Rain washing	Manual washing every 6 months	Manual washing every 3 months	Manual washing every 3 months	Rain washing	Manual washing every year	Manual washing every 6 months	Manual washing every 6 months
ENDURA® DRIDEX®	RESIDENTIAL WARRANTIES	PERFORATION <sup>1</sup>	Not recommended in this environment				Not recommended in this environment				Not recommended in this environment				30 YEARS	15 YEARS	Not recommended	Not recommended
		PAINT <sup>2</sup>													18 YEARS	15 YEARS		
	MAINTENANCE														Rain washing	Manual washing every 6 months		
MAXX® DRIDEX®	RESIDENTIAL WARRANTIES	PERFORATION <sup>1</sup>	Not recommended in this environment				Not recommended in this environment				20 YEARS	15 YEARS	Not recommended	Not recommended	30 YEARS	15 YEARS	Not recommended	Not recommended
		PAINT <sup>2</sup>									15 YEARS	15 YEARS			18 YEARS	15 YEARS		
	MAINTENANCE										Rain washing	Manual washing every 6 months			Rain washing	Manual washing every 6 months		





NOTE: Buyers and users of New Zealand Steel Limited products and services must make their own assessment of the products for their own conditions. All queries regarding product specification, purpose or application should be directed to New Zealand Steel Limited, phone 0800 697 833. New Zealand Steel Limited reserves the right to modify products, techniques, equipment and statements to reflect improvements in the manufacture and application of its products. The information contained in this brochure is accurate as at November 2021 and supplied without prejudice to New Zealand Steel Limited's standard terms and conditions of sale. In the event of conflict between this information and the standard terms and conditions, the standard terms and conditions prevail. COLORSTEEL®, Endura®, Maxx®, Altimate®, and Dridex® are registered trademarks of New Zealand Steel Limited. Copyright© New Zealand Steel Limited, February 2022. 957639

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