



NON-RESIDENTIAL WARRANTY

For applications like schools, warehouses and other commercial buildings please contact New Zealand Steel. The maximum warranty offered on commercial buildings is 15 years.

IMPORTANT

- As product use is dictated by local conditions, seek advice from your roofing supplier or fixer for the best New Zealand Steel product to suit your specific environment.
- Gutters should be installed according to manufacturer's instructions.
- Unwashed and high risk areas require manual washing every 3 months.

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.

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.

WEST COAST, SOUTH ISLAND

In this area, smoke from coal burning fires may cause high concentrations of sulphur dioxide in the air. The combination of this and the high rainfall for the region creates an aggressive situation which must be considered when choosing the appropriate COLORSTEEL® prepainted steel coating. The effects of a severe coastal environment aggravate the situation.

This area combines the most severe features of both industrial and coastal environments. Please contact your local supplier for advice about the best COLORSTEEL® prepainted steel product to use.

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. Similarly a corrosive environment can develop within sheds for intensive animal farming. Please contact New Zealand Steel for more information.

INDUSTRIAL ENVIRONMENTS

Environments close to corrosive industrial emissions and subject to heavy fallout from them require extra consideration. Please contact New Zealand Steel for more information.

FURTHER ASSISTANCE

Further advice on the selection of the appropriate product to suit your particular location is available from New Zealand Steel or your local COLORSTEEL® prepainted steel supplier.



Lead free



ENVIRONMENTAL CATEGORIES AND PRODUCT MAINTENANCE RECOMMENDATIONS

For additional information, literature or technical assistance, please call 0800 100 523, visit colorsteel.co.nz or email us at info@colorsteel.co.nz.

Buyers and users of New Zealand Steel 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, phone 0800 100 523.

New Zealand Steel 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 supplied without prejudice to New Zealand Steel's standard terms and conditions of sale. In the event there is conflict between this information and the standard terms and conditions, the standard terms and conditions prevail. This Environmental Categories and Product Maintenance Recommendations guide supersedes all previous editions.

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SUITABLE PRODUCTS





New Zealand has a wide range of environmental conditions, from the harsh West Coast beaches, to the relative shelter of the Waikato farming region. New Zealand Steel offers a range of coated steel products that are suitable for most locations.

ENVIRONMENTAL CATEGORIES

VERY SEVERE – ISO CATEGORY 5

50m from high water on East Coast, 100m from high water on West Coast. Characterised by:

- Heavy salt deposits.
- The almost constant smell of salt spray in the air.
- Close to breaking surf (typically starts 50 – 100 metres) such as is found on exposed coasts.

This environment may be extended inland by prevailing winds and local conditions.

SEVERE – ISO CATEGORY 4

Characterised by:

- Light salt deposits.
- A frequent smell of salt in the air.
- Typically starts 100 – 500 metres from breaking surf such as is found on exposed coasts.
- In the immediate vicinity of large expanses of calm salt water such as harbour foreshores.

The environment may be extended inland by prevailing winds and local conditions.

MODERATE COASTAL – ISO CATEGORY 3

Characterised by:

- Little or no salt deposits.
- The occasional smell of salt in the air.
- Typically starts 500 – 1000 metres from breaking surf such as is found on exposed coasts, OR in the immediate vicinity of calm salt water such as estuaries.

MODERATE INLAND – ISO CATEGORY 2

Characterised by:

- No obvious marine or industrial influences.
- Typically more than 1000 metres from the exposed coasts or more than 500 metres from industrial emissions.

ENVIRONMENTAL CATEGORIES	APPLICATIONS	COLORSTEEL® Maxx® COLOUR FOR THE EXTREME		COLORSTEEL® Endura® COLOUR FOR THE FUTURE			Zincalume®		GALVSTEEL®		
		RESIDENTIAL WARRANTIES	MAINTENANCE	RESIDENTIAL WARRANTIES	MAINTENANCE	RESIDENTIAL WARRANTIES	MAINTENANCE	RESIDENTIAL WARRANTIES	MAINTENANCE		
VERY SEVERE – ISO CATEGORY 5	Roofing	15 years	15 years	Rain washing	Not warranted	Product is not recommended for this environment.	Not warranted	Product is not recommended for this environment.	Not warranted	Product is not recommended for this environment.	
	Wall Cladding	15 years	15 years	Rain washing plus manual washing every 3 months.							
	Gutters/downpipes	10 years	10 years	Manual washing every month.							
	Fascia	10 years	15 years	Manual washing every month.							
SEVERE – ISO CATEGORY 4	Roofing	15 years	20 years	Rain washing	15 years	15 years	Rain washing	Not warranted	Product is not recommended for this environment.	Not warranted	Product is not recommended for this environment.
	Wall Cladding	15 years	15 years	Rain washing plus manual washing every 6 months.	Not warranted		Rain washing plus manual washing every 6 months.				
	Gutters/downpipes	10 years	10 years	Manual washing every 3 months.	5 years	10 years	Manual washing every 3 months.				
	Fascia	10 years	15 years	Manual washing every 3 months.	5 years	15 years	Manual washing every 3 months.				
MODERATE COASTAL – ISO CATEGORY 3	Roofing	15 years	30 years	Rain washing	18 years	30 years	Rain washing	15 years	Rain washing	Not warranted	Rain washing
	Wall Cladding	15 years	15 years	Rain washing plus manual washing every year.	15 years	15 years	Rain washing plus manual washing every year.	15 years	Rain washing plus manual washing every 6 months.		Rain washing plus manual washing every 6 months. Painting may be advisable depending on the specific location.
	Gutters/downpipes	10 years	10 years	Manual washing every 6 months.	10 years	10 years	Manual washing every 6 months.	10 years	Manual washing every 3 months.		Manual washing every 3 months. Painting may be advisable depending on the specific location.
MODERATE INLAND – ISO CATEGORY 2	Fascia	10 years	15 years	Manual washing every 6 months.	10 years	15 years	Manual washing every 6 months.	10 years	Manual washing every 3 months.		Manual washing every 3 months. Painting may be advisable depending on the specific location.