



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.

SUITABLE PRODUCTS

COLORSTEEL® Maxx®
COLOUR FOR THE EXTREME

COLORSTEEL® Maxx®
COLOUR FOR THE EXTREME

COLORSTEEL® Endura®
COLOUR FOR THE FUTURE

COLORSTEEL® Maxx®
COLOUR FOR THE EXTREME

COLORSTEEL® Endura®
COLOUR FOR THE FUTURE

Zincalume®

GALVSTEEL®

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.



Lead free

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.



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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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.



RESIDENTIAL WARRANTIES

Covering the paint surface against flaking, peeling and excessive fade.

MAINTENANCE

Against perforation as a result of corrosion.

APPLICATIONS

More than: 50m from breaking surf on East Coast and 100m on West and South Coasts.

Roofing

15 years

15 years

Wall Cladding

15 years

15 years

Gutters/downpipes

10 years

10 years

Fascia

10 years

15 years



RESIDENTIAL WARRANTIES

Covering the paint surface against flaking, peeling and excessive fade.

MAINTENANCE

Against perforation as a result of corrosion.



RESIDENTIAL WARRANTIES

Against perforation as a result of corrosion.

MAINTENANCE



RESIDENTIAL WARRANTIES

MAINTENANCE

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.

Roofing

15 years

20 years

Wall Cladding

15 years

15 years

Gutters/downpipes

10 years

10 years

Fascia

10 years

15 years

15 years

15 years

Not warranted

Rain washing plus manual washing every 6 months.

5 years

10 years

5 years

15 years

Not warranted

Product is not recommended for this environment.

Not warranted

Product is not recommended for this environment.

Roofing

15 years

30 years

Wall Cladding

15 years

15 years

Gutters/downpipes

10 years

10 years

Fascia

10 years

15 years

18 years

30 years

15 years

15 years

10 years

10 years

10 years

15 years

15 years

15 years

10 years

10 years

Rain washing

Rain washing plus manual washing every 6 months.

Manual washing every 3 months.

Manual washing every 3 months.

Not warranted

Rain washing

Rain washing plus manual washing every 6 months. Painting may be advisable depending on the specific location.

Manual washing every 3 months. Painting may be advisable depending on the specific location.

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