

ENVIRONMENTAL CATEGORIES AND PRODUCT RECOMMENDATIONS



INTRODUCTION

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

WARRANTIES

MAINTENANCE

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 50-100 meters) such as found on exposed coasts.

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

Roofing

Not Recommended

Not Recommended

Wall Cladding

Gutters/downpipes

Fascia

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 found on exposed coasts.
- In the immediate vicinity of large expanses of calm salt water such as harbour foreshores.

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

Roofing

Not Recommended

Not Recommended

Wall Cladding

Gutters/downpipes

Fascia

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 found on exposed coasts.
- In the immediate vicinity of large expanses of calm salt water such as harbour foreshores
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 exposed coasts or more than 500 meters from industrial emissions.

Roofing

15 years: against perforation as a result of corrosion.

• Rain washing

Wall Cladding

15 years: against perforation as a result of corrosion.

• Rain washing plus manual washing every 6 months

Gutters/downpipes

10 years: against perforation as a result of corrosion.

• Manual washing every 3 months

Fascia

10 years: against perforation as a result of corrosion.

• Manual washing every 3 months

COMMERCIAL WARRANTY

Such as schools, warehouses and buildings, refer to New Zealand Steel Limited for details of Commercial warranties. Maximum warranty offered on commercial buildings is 15 years.

IMPORTANT

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