

Atmospheric Environments

USAGE GUIDE

www.colorcote.co.nz



COLORCOTE®

PRE-PAINTED METAL PRODUCTS

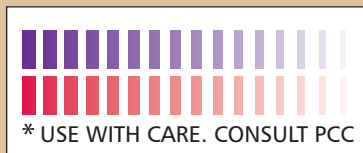


| MODERATE ISO Category 2 | INDUSTRIAL ISO Category 3-4 | MARINE ISO Category 3 | SEVERE MARINE ISO Category 4 | VERY SEVERE ISO Category 5 |
|----------------------------|---|-----------------------------------|---|---|
| Areas inland | Areas around major industrial complexes | Areas influenced by coastal salts | <u>Begins</u> anywhere from 100-400 metres in from the beach front of breaking surf and can extend inland | Very Severe Marine Offshore and anywhere within 100-400 metres from the water line of areas of breaking surf but can extend inland |
| PRODUCT TYPE 2-4 | | | 5 | 6 |



This is a guide only. For product descriptions refer www.colorcote.co.nz

These are general guidelines only. Building location, design & aspect also need to be taken into consideration. If in doubt contact Pacific Coilcoaters for specific advice.









AS/NZS 2728 : 2007

- The classification of atmospheric zones and the effect the environment has on pre-painted metal.
- Enables the selection of the correct substrate and coating system for the environment.
- Identification of local environments (or microclimates).



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That COLORCOTE® ZR8™, ZRX™, ZM8™, ZMX™, AR8™ and ARX™ pre-painted metal products used in the manufacture of RESIDENTIAL BUILDINGS will perform as follows:

| | ROOFING | | | | WALL CLADDING | | | | GUTTERING & DOWNPIPES | | | | FASCIA | | | |
|--|----------------|--------------|--------------|----------|----------------|--------------|--------------|----------|-----------------------|--------------|--------------|----------|----------------|--------------|--------------|----------|
| | ENVIRONMENT | | | | ENVIRONMENT | | | | ENVIRONMENT | | | | ENVIRONMENT | | | |
| | ISO CAT 1-3 | ISO CAT 4 | ISO CAT 5 | | ISO CAT 1-3 | ISO CAT 4 | ISO CAT 5 | | ISO CAT 1-3 | ISO CAT 4 | ISO CAT 5 | | ISO CAT 1-3 | ISO CAT 4 | ISO CAT 5 | |
|  | PAINT | 18 yrs | N/R | N/R | PAINT | 15 yrs | N/R | N/R | PAINT | 10 yrs | N/R | N/R | PAINT | 10 yrs | N/R | N/R |
| | PERFORATION | 30 yrs | N/R | N/R | PERFORATION | 15 yrs | N/R | N/R | PERFORATION | 10 yrs | N/R | N/R | PERFORATION | 15 yrs | N/R | N/R |
|  | PAINT | 20 yrs | 15 yrs | N/R | PAINT | 20 yrs | 15 yrs | N/R | PAINT | 12 yrs | 10 yrs | N/R | PAINT | 12 yrs | 10 yrs | N/R |
| | PERFORATION | 30 yrs | 20 yrs | N/R | PERFORATION | 20 yrs | 15 yrs | N/R | PERFORATION | 12 yrs | 10 yrs | N/R | PERFORATION | 15 yrs | 15 yrs | N/R |
|  | PAINT | 18 yrs | 15 yrs | 15 yrs * | PAINT | 15 yrs | 15 yrs | 15 yrs * | PAINT | 10 yrs | 10 yrs | 10 yrs * | PAINT | 10 yrs | 10 yrs | 10 yrs * |
| | PERFORATION | 30 yrs | 22 yrs | 15 yrs * | PERFORATION | 20 yrs | 17 yrs | 15 yrs * | PERFORATION | 12 yrs | 12 yrs | 10 yrs * | PERFORATION | 15 yrs | 15 yrs | 15 yrs * |
|  | PAINT | 20 yrs | 18 yrs | 15 yrs * | PAINT | 20 yrs | 18 yrs | 15 yrs * | PAINT | 12 yrs | 10 yrs | 10 yrs * | PAINT | 12 yrs | 10 yrs | 10 yrs * |
| | PERFORATION | 30 yrs | 22 yrs | 15 yrs * | PERFORATION | 20 yrs | 17 yrs | 15 yrs * | PERFORATION | 12 yrs | 12 yrs | 10 yrs * | PERFORATION | 15 yrs | 15 yrs | 15 yrs * |
|  | PAINT | 18 yrs | 15 yrs | 15 yrs | PAINT | 15 yrs | 15 yrs | 15 yrs | PAINT | 10 yrs | 10 yrs | 10 yrs | PAINT | 10 yrs | 10 yrs | 10 yrs |
| | PERFORATION | 30 yrs | 30 yrs | 20 yrs | PERFORATION | 25 yrs | 20 yrs | 15 yrs | PERFORATION | 15 yrs | 15 yrs | 10 yrs | PERFORATION | 20 yrs | 18 yrs | 15 yrs |
|  | PAINT | 20 yrs | 20 yrs | 15 yrs | PAINT | 20 yrs | 20 yrs | 15 yrs | PAINT | 12 yrs | 10 yrs | 10 yrs | PAINT | 12 yrs | 10 yrs | 10 yrs |
| | PERFORATION | 30 yrs | 30 yrs | 20 yrs | PERFORATION | 25 yrs | 20 yrs | 15 yrs | PERFORATION | 15 yrs | 15 yrs | 10 yrs | PERFORATION | 20 yrs | 18 yrs | 15 yrs |

Refer to the COLORCOTE® technical brochures for specific details on each product. COLORCOTE® products will inevitably weather, chalk, and fade over time as a result of normal wear and tear. The Environmental classifications are described in AS/NZS 2728 : 2007, and are as summarised in the Atmospheric Environment Usage Guide. Determination of coating performance will be as per test methods described in Australian Standard AS 1580. If any COLORCOTE® ZR8™, ZRX™, ZM8™, ZMX™, AR8™ or ARX™ product fails to perform as warranted we will, at our sole option, repair or replace (including labour) the affected material.

Please note this warranty is subject to the following general terms and conditions:

- This warranty will not apply to weathering, chalking or fading over time as a result of normal wear and tear.
- If the COLORCOTE® ZR8™, ZRX™, ZM8™, ZMX™, AR8™ and ARX™ product has not been selected, processed or maintained in accordance with the published recommendations of Pacific Coilcoaters and accepted good trade practices, this warranty will not apply.
- If inappropriate fastenings are used or incorrectly installed this warranty will not apply.
- Defects caused by faulty design, or method of manufacture of Residential Buildings are not covered by this warranty.
- **Garage doors are not covered by this warranty.**
- We must be given the opportunity for inspection on site prior to any remedial action being offered or taken.
- The product must be manufactured from prime COLORCOTE® pre-painted metal products.
- Damage or corrosion resulting from the following are not covered by this warranty:
 1. Damage sustained during handling, storage, processing, roll-forming or installation.
 2. Damage sustained after installation.
 3. Causes after the product has left our control.

4. Failure to remove debris leading to the accumulation of moisture retaining matter on roofing or cladding and in gutters and downpipes.
5. Failure to correctly maintain the roof and/or cladding.
6. Damage caused by other items such as incorrect fasteners or incorrect installation, aerials, ducts, air conditioning etc.

Our liability under this warranty shall in all cases be limited to replacing or repairing the defective product as specified above including labour. Any repaired or replaced product will be covered by this warranty only for the unexpired portion of the warranty on the original product. Pacific Coilcoaters will not under any circumstances be liable for consequential loss or damage. All claims must be made promptly in writing and accompanied by the original warranty document. This warranty does not in any way affect the rights of a consumer under the Consumer Guarantees Act.

Minimum Maintenance Requirements

1. Washing of naturally unwashed areas at least every 6 months.
2. Removal of debris from gutters every 6 months.
3. Any noticeable buildup of salt deposits and/or other contaminants are removed when identified.
4. When considering overpainting please consult with your local distributor to ensure correct procedures are undertaken.
5. Inspection of the roof, including fasteners, repair any damage every 6 months.

* USE WITH CAUTION – consult PCC first or visit www.colorcote.co.nz and complete warranty inquiry form.