

# MAINTENANCE RECOMMENDATIONS



## MAINTENANCE

All roofing and cladding products are subject to the cumulative effects of weather, dust and other deposits. Normal rain washing will remove most accumulated atmospheric contaminants from roofs. For wall cladding, manual washing every 3 to 12 months, depending on the paint system, is recommended in moderate to very severe environments to prevent accumulation of dirt, debris or other material not removed by rain washing. For areas that do not receive any or adequate rain washing (called unwashed areas) such as soffits, wall cladding under eaves, underside of gutters, fascias, sheltered areas of garage doors and unwashed roof areas, more extensive manual washing is required. Similarly, other **High Risk** areas, around flues, under television aerials or overhanging trees and sites prone to mould, lichen, bird droppings or debris, need to have regular manual washing.

Regular washing of COLORSTEEL® prepainted steel products increases the durability by reducing attack from airborne salts and pollutants. GALVSTEEL™ products and ZINCALUME® steel products will also benefit from routine washing.





Roofing and cladding products should be manually washed with water and a sponge or a soft nylon-bristled brush. For large areas it may be more appropriate to use water blasting at pressures up to 20Mpa.

**If New Zealand Steel Limited products are maintained according to the following recommendations, the requirements of the New Zealand Building Code B2 for 15 year durability for roofs and exterior walls will be met or exceeded.**

### Note:

1. The New Zealand Building Code durability requirement does not include aesthetic appearance.
2. The New Zealand Building Code requires a durability of 15 years minimum (with maintenance) for non structural roofing, including valleys, and wall cladding products. This means no moisture penetration due to product failure.
3. New Zealand Steel Limited products are designed to exceed the New Zealand Building Code B2: durability requirements. Continued maintenance and overpainting will greatly extend the ultimate life of all products.
4. Where a 50 year durability is required **OR** where a product is to be used in aggressive internal environments, New Zealand Steel Limited should be consulted.
5. In Industrial Environments, the type of pollution generated may alter the above recommendations. If in doubt, consult New Zealand Steel Limited. The Maintenance Table, on the reverse, is for guidance only. Each proprietary building product should carry its own manufacturers' recommendations for usage.
6. New Zealand Steel Limited will not accept responsibility for proprietary roofing and cladding products which do not conform to our recommendations for manufacturing, environmental use or maintenance.

# MINIMUM MAINTENANCE RECOMMENDATIONS FOR NEW ZEALAND STEEL PRODUCTS USED FOR ROOFING AND WALL CLADDING.

		ENVIRONMENT		
		Moderate	Severe	Very Severe
 <b>Colorsteel Maxx™</b> <small>COLOUR FOR THE EXTREME</small>	<b>Roof</b>	Rain washing	Rain washing	Rain washing
	<b>Wall Cladding</b>	Rain washing plus manual washing every year	Rain washing plus manual washing every 6 months	Rain washing plus manual washing every 3 months
	<b>Unwashed and High Risk Areas</b>	Manual washing every 6 months	Manual washing every 3 months	Manual washing every month
 <b>Colorsteel Endura™</b> <small>COLOUR FOR THE FUTURE</small>	<b>Roof</b>	Rain washing	Rain washing	Not recommended
	<b>Wall Cladding</b>	Rain washing plus manual washing every year	Rain washing plus manual washing every 6 months	Not recommended
	<b>Unwashed and High Risk Areas</b>	Manual washing every 6 months	Manual washing every 3 months	Not recommended
 <b>Zincalume®</b>	<b>Roof</b>	Rain washing	Not recommended	Not recommended
	<b>Wall Cladding</b>	Rain washing plus manual washing every 6 months	Not recommended	Not recommended
	<b>Unwashed and High Risk Areas</b>	Manual washing every 3 months	Not recommended	Not recommended
 <b>Galvsteel™</b>	<b>Roof</b>	Rain washing	Not recommended	Not recommended
	<b>Wall Cladding</b>	Rain washing plus manual washing every 6 months. Painting may be advisable depending on the specific location	Not recommended	Not recommended
	<b>Unwashed and High Risk Areas</b>	Manual washing every 3 months. Painting may be advisable depending on the specific location	Not recommended	Not recommended

*Refer to the Environmental Categories Brochure*

**Note:** Recommendations provided in this table apply to the standard provisions of the New Zealand Building Code, Section B2 Durability.

## FURTHER INFORMATION

For additional information, literature or technical assistance, please contact:

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**Colorsteel Maxx™**  
COLOUR FOR THE EXTREME

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**Colorsteel Endura™**  
COLOUR FOR THE FUTURE

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