

# CARE & MAINTENANCE

V3.0

All Metalcraft Insulated Panel Systems require regular care and maintenance to ensure the long-term performance of the system.

This guide applies to the ThermoSpan, ThermoPanel, MetecnoSpan, MetecnoPanel, AspireSpan, and AspirePanel panel systems.

## Schedule

A regular washing schedule will help ensure the long-term performance of the panels by removing the cumulative effects of weather, dust, and other deposits.

While normal rain will remove some contaminants, a manual wash every 3 to 12 months is recommended,

depending on the COLORSTEEL® solution chosen. Manual washing will remove the accumulation of dirt, debris, and other material not removed by rain washing alone.

Refer to the COLORSTEEL® Environmental Categories, Warranty & Product Maintenance Recommendations Brochure (<https://www.colorsteel.co.nz/resources/downloads-and-brochures/>) for the New Zealand Steel recommendations for the chosen COLORSTEEL® solution. These requirements are summarised below. In industrial environments, the type of pollution generated may alter the recommendations. Contact New Zealand Steel for advice.

ENVIRONMENT				
Brand	Type	Moderate	Severe	Very Severe
	Roof	Rain washing	Rain washing	Rain washing
	Wall	Rain washing plus manual washing every year	Rain washing plus manual washing every 6 months	Rain washing plus manual washing every 3 months
	Unwashed and high-risk areas	Manual washing every 6 months	Manual washing every 3 months	Manual washing every month
	Roof	Rain washing	Rain washing	Not recommended for use in very severe environments
	Wall	Rain washing plus manual washing every year	Rain washing plus manual washing every 6 months	
	Unwashed and high-risk areas	Manual washing every 6 months	Manual washing every 3 months	

## Washing instructions

Manually wash panels with either a sponge, or a soft nylon-bristled brush, or by water blasting at pressures of no more than 20 MPa.

Ensure that the following are carefully washed:

- areas that receive little to no rain wash, such as soffits, wall cladding under eaves, and sheltered areas;
- high-risk areas around flues, aerials and satellite dishes, air conditioning units, external hot water heaters, and all penetrations and panel joints;
- areas with overhanging trees and prone to mould, lichen, and bird droppings.

A visual inspection of dissimilar materials, such as soft edge or galvanised flashings, should be undertaken to avoid corrosion transfer.

Check for lichen and follow New Zealand Steel recommendations if lichen is found. Refer to <https://www.colorsteel.co.nz/resources/downloads-and-brochures/>.

## For more information

For more information about care and maintenance of New Zealand Steel products, refer to <https://www.colorsteel.co.nz/resources/downloads-and-brochures/>.

For general information on maintaining an external cladding, refer to <http://www.maintainingmyhome.org.nz/maintenance-guides/exterior-wall-maintenance-guide/>.

