

ZINTL®

PREMIUM INTERLOCKING
ALUMINIUM CLADDING SYSTEM



CLEANING AND
MAINTENANCE GUIDE

CLEANING AND MAINTENANCE GUIDE

ZINTL[®] powder coatings are the ideal choice for the long term protection of your aluminium projects. ZINTL[®] is available in a wide range of Interpon and Dulux powder coated finishes.

To ensure the life of your project is maximised and to comply with ZINTL[®] warranty requirements, a simple and regular maintenance program should be implemented.



PROTECT YOUR POWDER COATING FROM THE ENVIRONMENT

The frequency of recommended cleaning will vary depending on:

- The environment - if it is dry, has minor condensation, has high moisture or has significant contamination (interior); or a city, rural, industrial or coastal environment (exterior)
- The conditions - if it is a general or moderate condition (interior) or a mild, severe or tropical condition (exterior);

Some of the influencing factors that can impact the life of the powder coating include:

- Ultra violet light
- Levels of atmospheric pollution including salts, dirt, grime that can all accumulate over time
- Winds carrying air borne debris that can cause erosive wear of the coating e.g. sand causing abrasion
- Change in environmental circumstances e.g. if rural became industrial
- Microclimates e.g. geothermal, alkaline or acidic

RECOMMENDED CARE AND MAINTENANCE SCHEDULE

It is recommended in environments with low salt, low pollutant and urban areas cleaning should take place at a minimum of every twelve months.

In areas where salts, pollutants and high corrosivity levels are prevalent, e.g. beachfront houses or industrial areas, it is recommended a cleaning program should be carried out more frequently at a minimum of every six months.

Sheltered areas can have a higher risk of coating degradation as wind-blown salt and other debris or pollutants may adhere to the surface and not be removed when it rains. These areas may require more frequent cleaning.

Use the following table to identify the recommended minimum cleaning schedule for your project. The table references AS4312 and ISO 12944 Atmospheric corrosivity zones in Australia to define the environmental conditions.

Environment	Conditions	Corrosivity Zone	Example Environments	Recommended Minimum Cleaning
Exterior Environment	Mild	C2 Low	Arid, urban, inland, city	Every 12 months
		C3 Medium	Light industrial & coastal	Every 6 months
	Severe	C4 High	Sea shore (calm)	Every 6 months
		C5 Very High Industrial	Heavy industrial	Every 3 months
		C5 Very High Marine	Sea shore (surf)	Every 3 months
	Tropical	Tropical (T)	High, humid and monsoonal	Every 3 months
Interior Environment	General Interior	C1 Very low	Dry	Every 12 months
		C2 Low	Minor condensation	Every 12 months
	Moderate Interior	C3 Medium	High moisture	Every 6 months
		C4 High	Significant contamination	Every 3 months

HOW TO CLEAN YOUR POWDER COATING

Clean your Powder Coating in 3 Easy Steps

Care and maintenance schedules are essential to ensure that the life of your project is maximised whether it be a residential, commercial or non-habitable project. Simply follow three important steps:

1. Carefully remove any loose surface deposits with a wet sponge by gently rubbing.
2. Clean by gently rubbing the surface with a soft brush (non-abrasive) and a dilute solution of a mild detergent e.g. pH- neutral liquid hand or dishwashing detergent in warm water to remove dust, salt and other deposits. For stubborn stains use only recommended solvents on the affected area, e.g. Isopropyl alcohol (IPA) or methylated spirits and rinse off with clean water. Do not use other aggressive solvents.
3. Rinse the surfaces with clean fresh water after cleaning to remove all residues.

THE DO'S & DONT'S OF PROTECTING YOUR POWDER COATING

Do	Don't
<p>✓ Protect all powder coated joinery</p> <p>When building, renovating, plastering or painting around powder coated surfaces use approved tapes and films in accordance with the manufacturer's instruction.</p>	<p>✗ Use aggressive solvents¹</p> <p>Do not use turpentine, white spirits, thinners, citrus based cleaners or other aggressive solvents on powder coating.</p>
<p>✓ Remove unwanted paint & sealants</p> <p>Ensure all paint splatters or excess sealant are immediately removed before they dry.</p>	<p>✗ Rub powder coated surfaces excessively</p> <p>Do not rub powder coated surfaces excessively, especially metallic finishes.</p>
<p>✓ Use recommended solvents for stubborn stains only</p> <p>Use only Isopropyl alcohol (IPA) or methylated spirits and rinse off with clean fresh water.</p>	<p>✗ Allow sunscreen to come into contact with coated surfaces</p> <p>It is universally recognised some sunscreens adversely affect powder coated finishes.</p>
<p>✓ Regularly inspect</p> <p>Inspect your powder coating often and clean more regularly if required.</p>	<p>✗ Neglect recommended care and maintenance schedules</p> <p>To comply with powder coating warranties the recommended care and maintenance schedules must be adhered to.</p>
<p>✓ Clean in mild conditions</p> <p>Clean powder coated surfaces when the surface temperatures are below 25°C.</p>	

1. Non approved solvents can cause damage that may not be visible immediately and may take up to twelve months to appear.

RESIDENTIAL WARRANTIES

Warranty	Precious	Dullaroy	Vivica™	Living	Excel™
Coating Durability	10 years	10 years	10 years	10 years	10 years
Colour Retention	10 years	10 years	10 years	10 years	10 years

COMMERCIAL WARRANTIES

Warranty	Duratec Zeus® & Eternity®	Duratec Elements®	Electro®	Colour Vitality	Flat Matt	Futura
Coating Durability	25 years	25 years	25 years	25 years	25 years	25 years
Colour Retention	20 years	20 years	20 years	15 years	15 years	15 years

ezy HD² WOOD GRAIN WARRANTY

Warranty	Interpon
Coating Durability	25 years
Colour Retention	15 years



ZINTL®

PREMIUM INTERLOCKING
ALUMINIUM CLADDING SYSTEM



CERTIFIED
NON-COMBUSTIBLE
TO AS1530.1



100% RECYCLABLE

By **HVG** façades

hvgfacades.com.au | 1300 881 712

SYDNEY
29 Henderson Street
Turrella NSW 2205

MELBOURNE
25 West Park Drive
Derrimut VIC 3026

BRISBANE
128 Mica Street
Carole Park QLD 4300

PERTH
72 Bushland Ridge
Bibra Lake WA 6163

ADELAIDE
57 Barnes Avenue
Marleston SA 5033