

# POWDER COATING CARE & MAINTENANCE



**DOOGOOD™**  
Australia

[DoogoodAustralia.com.au](http://DoogoodAustralia.com.au)

Doogood Australia powder coatings, sourced from trusted suppliers Dulux® and Interpon®, are the optimal choice for ensuring the long-term protection of your steel and aluminium projects.

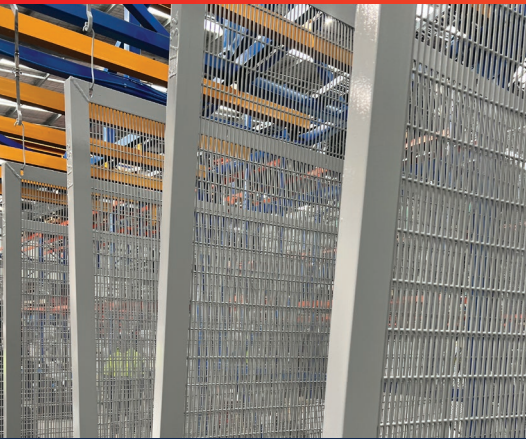
Over time, exposure to the elements/other environmental factors (“Factors”) may result in signs of weathering to your powder-coated surfaces (“Products”). To avail of the Doogood Panel Warranty, maximise the lifespan/longevity of your Products, safeguarding them from environmental factors, it’s essential to establish a simple and regular maintenance routine.

The recommended cleaning frequency of your Products will vary depending upon a number of factors, including but not limited to:

If the Products are located indoors, impacting factors include whether the environment is dry, experiences minor condensation, has high moisture levels, or significant contamination and whether the existing conditions are general or moderate.

If the Products are located outdoors, impacting factors include whether it is located in a city, rural, industrial, or coastal area and whether the existing conditions are mild or severe.

## Several other factors influence the lifespan and longevity of your Products, including:



- The level of UV exposure;
- The level of atmospheric pollution such as salts, dirt, and grime which accumulate over time;
- The level of protection afforded by surrounding buildings and other structures;
- Wind carrying airborne debris causing erosive wear (i.e. sand abrasion);
- Changes in environmental circumstances (i.e. rural transitioning to industrial);
- The relevant microclimate (i.e. geothermal, marine, alkaline, or acidic etc.).

## Instructions for Cleaning your Powder Coating

Cleaning of your Products should commence as soon as they have been installed.

It is imperative that any construction materials (concrete, plaster, paint etc.) are removed before drying, or this may result in the requirement to use harsher cleaning chemicals which may cause damage to your Products.

Use the following simple steps for cleaning:

- Gently remove loose surface deposits with a wet sponge.
- Clean by gently rubbing Products with a soft brush and a mild detergent solution to remove dust, salt, and other deposits.
- For stubborn stains, use recommended solvents such as isopropyl alcohol or methylated spirits.
- Rinse surfaces with clean water to remove any residue after cleaning.



## Recommended care and maintenance schedule for your Products

The frequency for cleaning your Products will depend upon:

- a. The standard of appearance required for your Products;
  - b. The need to remove deposits on your Products that may cause damage;
  - c. The environmental/other Factors as mentioned above.
- In low salt, low pollutant, and urban environments, cleaning should occur at least every twelve months.
  - In areas with high salt, pollutant levels, and corrosive conditions like beachfront houses or industrial zones, cleaning should happen more frequently, at least every six months.
  - Sheltered areas may require more frequent cleaning due to wind-blown salt and debris accumulation.
  - If visible pollutants are present, more frequent cleaning is advisable.





The below table has been created with reference to AS 2312:2002, AS 4312:2019, and ISO 9223:2012 and should be used as a guide to assist you in identifying the environment, conditions, and atmospheric corrosivity categories applicable to your Products to ensure that you employ the correct cleaning schedule for your Products

Conditions	Corrosivity Zone	Example Environments	Recommended Minimum Cleaning
Mild	C2 Low	Arid, dry, urban, inland, city	Every 12 months
	C3 Medium	Light industrial, geothermal (>500m from source) and inland coastal (mild sea spray zone)	Every 12 months
Severe	C4 High	Sea shore (medium sea spray zone), offshore Islands and or geothermal (<500m from source)	Every 6 months
	C5 Very High	Sea shore (high sea spray zone e.g. surf), offshore Islands	Every 3 months
	C5 Very High	Heavy industrial	Every 3 months
General Interior	C1 Very Low	Dry interiors (homes, offices, shops)	Every 12 months
	C2 Low	Minor condensation (warehouses, sports halls)	Every 12 months
Moderate Interior	C3 Medium	High moisture (dairy and food processing plants, breweries, and commercial laundries)	Every 12 months
	C4 High	Significant contamination (swimming pools)	Every 6 months

## Use the below table as a guide for when you are cleaning your Products:

DO	DON'T
<p><b>Protect your Products</b></p> <p>✓ Particularly when building, renovating, plastering or painting around your Products.</p>	<p><b>Use aggressive solvents/chemicals on your Products</b></p> <p>× Such as turpentine, white spirits, thinners, kerosene, citrus-based cleaners or other aggressive solvents. The use of these types of solvents/chemicals can cause damage to your Products that may not be visible immediately and may appear up to 12 months after use.</p>
<p><b>Remove unwanted paint and sealants promptly</b></p> <p>✓ It is best practice to ensure any splatters/excess are removed before they have the chance to dry.</p>	<p>× <b>Rub powder-coated surfaces excessively.</b></p>
<p><b>Use recommended solvents for stubborn stains only</b></p> <p>✓ Such as Isopropyl Alcolgol, or methylated spirits and rise-off any residue with clean fresh water. A test-patch is always recommended.</p>	<p><b>Allow sunscreen to contact coated surfaces.</b></p> <p>× Some sunscreens can have adverse effects on the finish of your Products</p>
<p>✓ <b>Regularly inspect and clean your Products</b></p>	<p><b>Neglect recommended care and maintenance schedules</b></p> <p>× This may have an impact on your Doogood Warranty</p>
<p>✓ <b>Clean in temperatures below 25°C.</b></p>	<p>× <b>Clean in temperatures above 25°C.</b></p>

# High-Grade Warranty Powder Coating Repair Procedure

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At Doogood Australia, we take pride in providing high-quality powder coating solutions for various projects, using premium-grade powders supplied by Interpon. To ensure the longevity and appearance of our coatings, we recommend following the procedures below for any on-site repairs. These guidelines are based on Interpon's established repair methods for high-grade warranty projects.

## RECOMMENDED REPAIR PROCEDURE

This repair procedure is designed to address small and larger damaged areas in powder-coated finishes. It is critical to follow appropriate occupational health and safety measures during all repair processes.

### 1. GENERAL GUIDELINES

- Prior to beginning the repair, thoroughly assess the damage and determine if repair is possible or if complete replacement of the affected section is required. For extensive damage, we recommend replacing with factory-coated sections when possible.
- Repaired areas may weather at a different rate from the original coating. Hence, repairs should be kept to a minimum to maintain consistent aesthetics.
- All personnel involved in the repair process should adhere to appropriate health and safety protocols, including the handling of materials in accordance with the Material Safety and Technical Datasheets.

### 2. REPAIR PROCEDURE FOR SMALL ISOLATED DAMAGES (5-6 CM AREAS)

- **Step 1: Clean and Prepare**  
Clean all surfaces to be coated using a cleaner/degreaser (equivalent to Intersol Cleaner/Degreaser) and physically remove any sealants or mastics with lint-free cloths.
- **Step 2: Abrade the Area**  
Abrade the damaged area using abrasive paper (up to P320 grade), ensuring a suitably keyed surface for the new coating. Use lint-free tac rags to wipe the area clean afterward.
- **Step 3: Apply Primer**  
If the damage has exposed metal, apply one thin coat of Epoxy Primer (equivalent to Inter-plus 356 Epoxy Primer) by brush, and allow it to dry for at least one hour. This process is for mild steel. If steel is hot dip galvanized, primer is not required.
- **Step 4: Apply Topcoat**  
Apply by brush or spray one coat of the matching Topcoat (Gloss or Semi-Gloss Acrylic Polyurethane), matched to the original shade and gloss. Ensure a minimum dry film thickness of 40-50 microns, as per product guidelines.
- **Step 5: Final Inspection**  
Once the repair is complete, de-mask the surrounding area, clean up any debris, and present the finished repair for client inspection and approval.

### 3. REPAIR PROCEDURE FOR LARGER AREAS

- **Step 1: Mask and Prepare**

Apply protective masking around the damaged area to avoid coating unaffected sections. Clean all surfaces with cleaner/degreaser and remove any sealants.

- **Step 2: Abrade the Surface**

Use P60/P80 abrasive paper to abrade the surface down to a sound substrate. Ensure drilled holes are countersunk and joints are properly filled where necessary.

- **Step 3: Apply Filler**

Apply filling media directly to the prepared substrate, working the material to remove trapped air. Allow the media to fully cure as per the manufacturer's recommendations. Abrade the filled area to achieve the correct profile.

- **Step 4: Apply Primer and Topcoat**

Once the surface is adequately prepared, apply one thin coat of Epoxy Primer to exposed metal. After drying, apply a coat of Acrylic Polyurethane (Gloss or Semi-Gloss), ensuring a minimum dry film thickness of 50 microns.

- **Step 5: Inspection and Clean-Up**

After de-masking, clean the surrounding areas and reapply any necessary sealants. Present the repaired area for client inspection and approval.

### 4. IMPORTANT NOTES

- Repairs should be carried out by trained professionals or an approved applicator to ensure the coating meets the required specifications.
- The above information and repair methods are intended for guidance only.
- It is the client's responsibility to ensure that the products and methods used are fit for purpose.

For additional information or further assistance, please contact Doogood Australia's Customer Support Team at 1300 123 342.



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