



PRODUCT CARE & MAINTENANCE GUIDE

Suncoast Fencing proudly uses the Duralloy® Solid Colour Range and the Duratec® Elements Range from Dulux and to ensure the life of your asset is maximised and in keeping with the Dulux warranty a simple and regular maintenance program should be implemented.

Protect your Aluminium Powder Coated Product 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:

- Ultraviolet 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)

How to Clean your Powder Coating

Care and maintenance schedules are essential to ensure that the life of your asset is maximised whether the project be a residential, commercial, or non-habitable project.

Simply follow 3 important steps:

1. Carefully remove any loose surface deposits by gently rubbing with a wet and soft sponge, taking caution not to apply too much pressure.

2. Once loose surface deposits have been removed, clean your product by gently rubbing the surface using a soft brush (non-abrasive) and warm water with a diluted solution of a mild detergent (e.g. pH-neutral liquid hand or dishwashing detergent), to remove 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.

Recommended Care and Maintenance Schedule

It is recommended for cleaning to take place at a minimum of every twelve (12) months in environments with low salt, low pollutant and urban areas.

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 ISO12944 Atmospheric corrosivity zones in Australia to define the environmental conditions.

Environment	Conditions	Corrosivity Zone	Example Environments	Recommended Minium 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 & monsoonal	Every 3 months