



AODELI CLADDING CARE AND MAINTENANCE GUIDE



Protect your PVDF Coating from the Environment

Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with chemical fumes, salt or other corrosive elements, including areas within 500 meters of a body of saltwater. Aodeli requires a regular freshwater cleaning / maintenance program be in effect to prevent corrosion from accumulated deposits as per the following cleaning schedule and cleaning steps:

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 have an impact on the 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 eg. geothermal, alkaline or acidic.

Cleaning Steps

A) Gently remove any surface deposits using a wet sponge

B) Carefully rub the surface with a non-abrasive soft brush and a mild pH-neutral detergent (dissolved in warm water) to remove salt, dust, smug and other deposits.

Note: to remove stains, only use recommended solvents e.g. IPA or methylated spirits and rinse off with clean water. Using aggressive solvents is not allowed.

C) Use plenty of clean water to rinse the surface of panels to remove all residues.

PVDF fluoropolymer coatings are formulated with 70% Kynar 500® base resin and durable pigmentation. Superdurable coating Designed to meet the requirements of AAMA-2605, the most demanding architectural specification in the world.

PVDF coating provides beautiful topcoats, durable surfaces, innovative applications, green benefits, and cost savings as compared to other substrates and other coating options.

Recommended Care & Maintenance Schedule

It is strongly recommended to clean the panel surfaces based on the table at right. Otherwise, it might be considered as breaching the AWS.

Category (AS4312)	Corrosivity Level	Environment Type	Required Cleaning
C1 & C2	Very Low & Low	Non-hazardous Environment	Every 12 months
C3/T	Medium	Typical Environment	Every 12 months
C4	High	Swimming & Leisure Pools / Light Industrial	Every 6 months
C5M	Very High	Beach Front / Marine	Every 3 months
C5-I	Very High	High Heavy Industrial Environment	Every 3 months

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