



Maintenance Procedure for Architectural Polyester Powder Coated Aluminium

Architectural polyester powder coated aluminium is a product which requires regular cleaning and maintenance to ensure the decorative and protective properties of the coated element are retained throughout its service life. The frequency of this maintenance will depend on several factors known to effect organic coatings:

- i) Geographical location of the building
- ii) The surrounding environment (i.e. marine, industrial, acid, alkaline, etc)
- iii) Levels of atmospheric pollution
- iv) Prevailing wind
- v) Protection of the building by other buildings
- vi) Possibility of airborne debris (e.g. sand or grit) which may erode the coating
- vii) Changes to the environment during the building's lifetime (e.g. rural land becomes industrial)

The best method of cleaning powder coated aluminium is by the regular washing down of the coating using a solution of warm water and mild detergent. A soft cloth or sponge should be used for the cleaning and certainly nothing harsher than natural bristle brushes should be used.

If atmospheric pollution has resulted in heavy soiling of the coating, then a white spirit may be utilized; however in no circumstances should a cleaner be used containing KETONES, ESTERS or ALCOHOLS. Once the heavy soiling has been removed, gently wash down the areas using warm water.

The frequency of cleaning depends in part on the standard of appearance that is required together with any requirement to remove deposits which if left for long periods of time, could prove harmful to the coating.

In industrial environments, the normal frequency of cleaning should be at not more than three monthly intervals. Where the building is situated in an area of high atmospheric pollution or hazardous atmosphere, the periods between maintenance and cleaning should be reduced accordingly.

Where the building is situated in non-hazardous urban or rural environments, the period between cleaning can be extended up to twelve months. Within this period, if heavy soiling has occurred, the material should be cleaned immediately and a more frequent cleaning regime put in place for the future.

The above guidelines will help in maintaining the powder coated aluminium product, however if the customer has any specific queries or doubts about the use of a product in unusual or unclearly defined circumstances, we advise them to contact us at AKV Architectural for further advice.