

Aluminium Powder Coating Surface Guarantee Conditions

- (i) No guarantee on the powder coat can be given if the installation is sited within direct influence of zones of salt water (within 500m of high tide line) acid or industrial or other aggressive or emission sources which are known or believed to be damaging or corrosive to thermosetting powder coatings.
- (ii) If the installation is sited between 500m and 1000m then the powder coating guarantee is limited to 5 years providing a marine finish has been specified.
- (iii) No replacement or repair to the powder coating shall be deemed necessary if 95% of the surface area is unaffected.

Please note if the cleaning and maintenance information is not followed, the guarantee is invalidated.

Points to Bear in Mind When Specifying Organic Coated Aluminium

No organic paint coating, whether polyester or acrylic (or indeed if the substrate is PVC-U) is 'maintenance free' and that especially when installing in coastal districts or areas with high industrial pollution.

Modern organic finishes which we apply to architectural aluminium are practically identical to the types used on motor vehicles and therefore require a similar degree of care and attention which people typically lavish on their car bodywork.

The frequency of cleaning relates directly to the decorative standard which the householder wishes to maintain and also the particular environment where the units are situated.

All paints 'chalk' to some extent in service and a reduction in gloss level will occur. The original finish can be easily restored using the procedure in Note C of the Cleaning and Maintenance Information.



Cleaning and Maintenance Information for Aluminium Powder Coated Windows and Doors

- (a) In areas within the direct influence zones of salt water, industrial chemical plants, blast furnaces or other aggressive emission sources, the window should be cleaned at least every three months. In a relatively cleaner environment every six months should be sufficient.

In carrying out regular maintenance outside, the internal surfaces are frequently neglected. After a period of time, grime and deposits from tobacco smoke, coal and oil fires, etc. can discolour the inside of the window frame and it is recommended that these should be cleaned at least once per year.

(b) Procedure

- (i) Wash down with clean warm water containing a non-alkaline liquid detergent (in a concentration which can be handled safely with bare hands) using a non-abrasive cloth, sponge or soft bristle brush. This will remove grime, grease and any excess chalking. All ridges, grooves, joints and drainage channels where salt or other deposits can collect should be well washed out, thus preventing corrosion sites from occurring!
- (ii) Rinse thoroughly with clean water.
- (iii) Dry using a soft cloth or leather.

- (c) Where a reduction in gloss is observed, chalking is evident or excessive staining has occurred, then an approved renovating cream may be carefully applied with a non-abrasive cloth.

Note: T-Cut or similar automotive paint restorer may be used provided it is not too abrasive!

Care must be taken not to abrade sharp corners of section or aris of beads too heavily where the paint film is normally thinner, and it should be remembered that this operation should not be carried out too frequently.

Polish with a soft cloth to restore gloss and colour uniformity.

- (d) For extra protection a wax polish can be applied once or twice year again polishing with a soft cloth to restore glass.
- (e) The friction stays and locking mechanisms should be lubricated periodically to minimise wear and to ensure smooth operation.

Care should be taken to avoid applying lubricant to the friction pads as this will impair their braking action. The resistance of the pads can be adjusted, if necessary, with the brass screws provided in each pad.

- (f) Hinges and locking mechanisms should be lubricated periodically to minimise wear and to ensure smooth operations.