

Aluminium Powder Coating 10-Year Surface Guarantee Conditions

- (i) The guarantee is non-transferable. Claims must be submitted in writing, accompanied by proof of purchase.
- (ii) No guarantee if the material coated is sited within direct influence of zones of salt water (within 500 metres of high tide line), acid, industrial, or other aggressive emission sources which are known or believed to be damaging or corrosive to thermosetting powder coatings. For sites within 500m to 2000m, the guarantee is limited to 3 years, providing a marine finish has been specified.
- (iii) We cannot guarantee that, during the powder coating process, the Polyamide thermal break between the aluminium profiles will be covered. It may, due to the nature of the process, be only partially or not coated. No guarantee is given that when the aluminium frames are powder coated, an even distribution or any coating will be present on the polyamide thermal break. The thermal break is a secondary profile and not deemed to be part of the decorative primary surface.
- (iv) No repair to coatings shall be deemed necessary if less than 5% of the exposed external surface is affected.

General exclusions from the guarantee:

- (i) Slowing down or delaying repairs, testing or inspection.
- (ii) Damage due to the use of products in a way they were not designed or intended to be used.
- (iii) Damage due to cleaning or attack of the materials by non neutral chemicals.
- (iv) Wilful, intentional or accidental damage.
- (v) Damage caused by incorrect installation or poor workmanship by not following normal working practices.
- (vi) Damage caused by changes made to the profiles or materials afterwards.
- (vii) Normal ageing caused by mechanical contact and rubbing of items or objects on the surface. Damage caused by significant temperature changes or thermal shocks. Damage caused by poor water drainage, pollutants, or aggressive environments.

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 is especially applicable when installing in coastal districts or areas with high pollutions.

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 document.

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

Cleaning and Maintenance Information for Aluminium Powder-Coated Windows & 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 a 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 operation.