

Technical Requirements **For** **Cleaning and Maintenance.**

Cleaning & Maintenance

Polyester Powder Coatings are organic coatings that need to be cleaned and maintained regularly to ensure that the decorative properties of the coating are retained.

For any particular region or territory, there may be local regulations or local requirements to be met in order to achieve conformance to certain published quality labels or standards. It is the users' responsibility to be aware of such standards.

The frequency of such cleaning will depend on many factors including:

- The geographical location of the material
- The environment surrounding the material, i.e., marine, swimming pool, industrial, or a combination of these environments, proximity to a main road.
- Levels of atmospheric pollution
- Prevailing wind
- Protection of the material by other buildings
- Possibility of airborne debris (e.g., sand/dust etc.) causing erosive wear of the coating
- If the environmental circumstances change during the lifetime of the material (e.g., rural becomes industrial)

The best method of cleaning is by regular washing of the coating using a solution of warm water and mild detergent e.g. washing up liquid. All surfaces should be washed using a soft cloth or sponge.

If the atmospheric pollution has resulted in heavy soiling of the coating, then nothing harsher than white spirit should be used for cleaning.

The frequency of cleaning depends in part on the standard of appearance that is required and also the requirements to remove deposits that could, during prolonged contact with either the powder film or the metal substrate, (if exposed) cause damage.

In hazardous environments the normal frequency of cleaning should be at a maximum of three monthly intervals. However where there is high atmospheric pollution or an extremely hazardous atmosphere (i.e., a combination of factors above or others) the period of cleaning should be reduced.

Where the atmosphere is deemed to be non-hazardous, e.g., rural or a “normal” urban environments, then the period of cleaning can be extended up to a maximum of six months. However, if heavy soiling occurs more regular cleaning is required.

If the project is subject to any unusual hazardous environmental factors, or is close to salt water, an estuary or marine environments then NK Coatings must be consulted on an individual basis.

Normal Environment	Clean and check every 6 months
Marine Environment (<3 miles from the sea)	Clean and check every 3 months
Industrial Environment	Clean and check every 3 months
Swimming & Leisure Pools	Clean and check every 3 months
Close Proximity to Roads (<25metres)	Clean and check every 3 months

Do not under any circumstances use strong solvents or solutions containing:

Chlorinated Hydrocarbons

Esters

Ketones

Abrasive Cleaner or polish