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## Beacon Products Powder Coated Surfaces Maintenance Procedures

Beacon Product's Beacote V powder coatings are organic coatings that need to be cleaned and maintained on a routine basis to ensure that the decorative and protective properties of the coatings are retained. Cleaning frequency is dependant on a number of factors including but not limited to:

1. The geographic location of the coated product
2. The environment surrounding the coated product, IE. Marine, Industrial, Acidic, etc.
3. The levels of atmospheric pollution
4. Prevailing winds
5. Degree of exposure and protection by other objects and or structures
6. Extent of airborne debris IE. Sand causing abrasive wear of the coating
7. Extent of environmental change IE. Marine to Industrial

**The best method of cleaning is by regular washing of the coating using a solution of warm water and a mild detergent. All surfaces should be cleaned using a soft cloth, sponge or soft bristle brush.**

If atmospheric pollution has resulted in heavy soiling of the coating, then the use of mineral sprits or isopropyl alcohol can be used. The use abrasive cleaning agents or solvents containing esters or ketones is not recommended. Periodic cleaning is necessary to remove deposits that could cause mechanical or chemical damage to the film during prolonged contact.

In environments regarded to be industrial, the normal frequency of cleaning should be every three (3) months. When severe atmospheric pollution is present the cleaning interval may need to be more frequent than three months.

Atmospheric conditions considered non-hazardous (normal rural and urban environments) then the cleaning interval can be extended to eighteen (18) months. This is based however, on the level of dirt accumulation and should be adjusted accordingly.

If the coated ware is subject to any unusual environmental factors then Beacon Products should be contacted on an individual basis for consultation.

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