

POWDER COATING CARE AND MAINTENANCE GUIDE



Dolphin Powder Coatings are high-performance organic finishes that require routine cleaning and care to maintain their aesthetic appeal and protective function.

This powder coating care and maintenance guide outlines the appropriate cleaning materials, correct techniques, and recommended maintenance frequency for preserving the quality and durability of powder coated faucets, soap dispensers, and Alavo Solo mirror frames.

CLEANING MATERIALS

The following cleaning materials will be needed to care for Polyester Powder Coated restroom products in commercial restrooms:

- › Soft clean microfiber cloths or sponge
- › Soft natural bristle brush (if needed)
- › Good quality chamois leather cloth
- › Warm clear water
- › Mild soap detergent (pH 5 to 8)

CLEANING METHOD

CLEANING STEPS:

1. Consult the Maintenance Agent's Datasheet

- › This guide provides general advice for maintaining PPC finishes; however, facilities teams should also consult the product datasheet prior to cleaning, as it may contain specific powder coating care and maintenance instructions tailored to the individual product.

2. Dusting Off

- › Begin by gently dusting the surface with a dry, soft microfiber cloth to remove loose particles and prevent scratching during the PPC cleaning process.

3. Prepare Cleaning Solution

- › For regular cleaning, mix a small amount of mild detergent (pH 5 to 8) with warm water in a bowl.

4. Wipe Down

- › Dampen the microfiber cloth with the soapy water solution. Wring out excess water to avoid dripping.
- › Gently wipe the surface of the PPC finish.

5. For Tougher Stains, Heavy Soiling, or Atmospheric Pollution

In cases of heavy soiling caused by atmospheric pollution:

- › Use stronger household cleaners containing alcohol, petroleum spirits, white spirit, or a diluted bleach solution (no more than 5%).
- › Rinse the PPC coating thoroughly with clean water immediately after application to prevent any potential damage.

6. Rinse

- › Using a clean microfiber cloth dampened with warm water, gently wipe the surface to remove any remaining soap residue.

7. Drying

- › Gently dry the surface using a clean, high-quality chamois leather cloth. Ensure all moisture is removed to prevent water spots or streak marks.

WHAT TO AVOID WHEN CLEANING PPC SPECIAL FINISHES

- › Never use abrasive cleaners, harsh chemicals, polishes, or any products containing ketones or esters, as these can permanently damage the finish.

- › Avoid nylon scouring pads, fine steel wool, or any abrasive tools that may scratch the surface.

RECOMMENDED FREQUENCY TO CLEAN PPC COATINGS

The frequency of powder coating care and maintenance varies based on the desired appearance and the necessity to remove surface deposits.

Prolonged exposure to dirt, dust, residues, mineral buildup, or environmental pollutants can potentially harm both the powder coating film and the underlying metal substrate, making regular cleaning essential to preserve durability and aesthetics.

PPC MAINTENANCE TIPS

- › **Regular Cleaning** – To preserve the appearance and longevity of PPC finished restroom products, routinely dust and gently wipe down surfaces using a soft cloth. This helps prevent the buildup of grime and environmental residue.
- › **Qualified Personnel Only** – All powder coating care and maintenance tasks should be performed by individuals with appropriate training and experience to avoid unintentional damage.
- › **Avoid Abrasive Material** – Do not use steel wool, abrasive pads, or harsh chemical cleaners, as these can scratch or degrade the PPC coating.
- › **Spot Test First** – If you are unsure whether a cleaning product is suitable, always test it on a small, inconspicuous area before applying it more broadly.
- › **Wear Gloves When Handling** – Because polyester powder coating gloss levels are varied, it is best to wear gloves when handling PPC surfaces to prevent finger print and oil transfer, which can tarnish the pristine look of the finish.
- › **Refer to Sub-Contractor Manuals** – Where polyester powder coat faucets, soap dispensers, and mirror frames are integrated with materials such as stone, joinery, or glass, refer to the relevant sub-contractor's maintenance guidelines. This ensures safe and effective cleaning across different materials and highlights any compatibility considerations.
- › **Consult Experts** – For complex installations or when in doubt, it is recommended to seek guidance from specialists in commercial restroom powder coating care and maintenance to ensure proper handling and preservation.

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