

The following document provides product recommendations suitable for the cleaning and removal of surface deposits from the painted product.

### Cleaning Restrictions

- Avoid the use of methods that will mechanically damage or abrade the painted surface including but not limited to: wire brushes, abrasives, or similar cleaning tools
- Products other than hot and cold detergents should be tested in an inconspicuous area before use on a large scale
- Always read the manufacturer's safety requirements and restrictions and follow their application recommendations in addition to any guidelines below
- Rinse thoroughly with water after cleaning to remove any excess chemicals

### Preferred

1. Hot or Cold Detergent Solutions
  - A 5% solution in water of commonly used commercial (non-industrial) detergents will not have any deleterious effect on a painted surface. These solutions should be followed by an adequate rinse of water. Use a cloth or a soft bristle brush for application.

### Alternate Solutions

1. Solvents

Solvents that may be used to remove deposits such as tar, grease, oil, and paint include:

- Alcohols
- Denatured alcohol (ethanol)
- Isopropyl (rubbing alcohol)

2. Chemical Solutions

- Mildew removal: The following solution is recommended to remove mildew when necessary:
  - 1/3 cup dry powdered laundry detergent (ex. Tide™)
  - 1 qt sodium hypochlorite 5% solution (ex. Clorox™)
  - 3 qts water
- Rust Stains: The following solution is recommended to to remove rust from the paint surface when necessary. Limit contact to 5 minutes.
  - 1 part hydrochloric, citric or muriatic acid, to 10 parts water. Limit contact to five minutes. Oxalic acid solutions or acetic acid (vinegar) may be used for the same purpose.
- Graffiti Removal: Upon inquiry.

### Restricted Cleaners

The following products should never be used as cleaning agents on Perspectra Plus™ Series products:

- Ketones
- Esters
- Lacquer Thinner
- Paint Remover
- Methyl isobutyl ketone (MIBK)
- Ethyl acetate (nail polish rovemover)