

# PRECISIONCOATINGS, Inc.

## Refinishing Fluorinated Polymer Surfaces

Fluorinated polymer coated surfaces such as curtain wall panels, mullions, doors and windows can be refinished utilizing Precision DTM1300 / PC3 or DTM1300 / Reflect 3000 infra-red reflective coating systems. ***Proper surface preparation of the fluorinated polymer coated surface is required in order to achieve adequate adhesion.***

### Surface Preparation Method 1 Hand Tool / Power Tool Clean

New and aged surfaces should be cleaned and degreased. The surface should be abraded with a thorough hand tool and power tool cleaning (SSPC-SP2 or SSPC-SP3) using aluminum oxide abrasive paper of 180 to 100 mesh size.

### Surface Preparation Method 2 Chemical Treatment

New and aged surfaces should be cleaned and degreased. Apply one coat of Precision Paint Prep 16200 evenly over the surface using an acid/solvent resistant hand-pump sprayer or cloth application (wear acid/solvent resistant gloves, goggles and protective clothing) covering area to be coated in twenty to forty minutes. Allow Paint Prep 16200 to evaporate and soften the existing fluorinated coating for twenty minutes and no more than sixty minutes prior to the application of Precision's DTM1300 primer. This method of surface preparation is not compliant with air quality regulations in California.

### Surface Preparation Method 3 Alkaline Cleaner

Aged fluorinated polymer coated surfaces with over five years exterior exposure can be cleaned with an alkaline cleaner system such as *Amercoat Prep 88* and then rinsed with a high pressure clean water wash (*see Amercoat Prep 88 instructions*), The alkaline cleaner must be wetted out on the surface for a minimum of 15 minutes and then thoroughly rinsed with pressurized fresh water to remove all remnants of the alkaline cleaner. When dry, apply Precision DTM1300 to the properly prepared surface.

See data sheets for Precision Coatings DTM1300, PC3 and Reflect 3000 infra-red reflective coatings for application and safety information.

