

## Firestone UNA-CLAD™ UC-3 Roofing Panel Cleaning Recommendations

### UNA-CLAD™ Paint Finish

Although UNA-CLAD factory-applied paint finishes are extremely durable, a periodic cleaning to remove build-ups of resins and other residue helps to extend finish life for roofing panels and metal trim. In coastal or heavy industrial areas, cleaning should take place on a regular basis due to exposed salt spray and heavy pollutants. A variety of methods for removal of surface deposits are available. Simple washing with plain water using hoses or pressure spray equipment is usually adequate. When heavy deposits of dirt or other contaminants dull surfaces, stronger methods may be needed.

Two precautions should be observed: (1) Do not use wire brushes, abrasives, or similar cleaning tools which mechanically abrade the finish surface, and (2) Certain cleaning agents listed below should be tested in an inconspicuous area before use on a large scale.

#### *Group A: Hot or Cold Detergent Solutions*

A 5% solution in water of commonly used commercial (non-industrial) detergents will not have deleterious effects on fluoropolymer surfaces. Use a cloth or sponge for application, followed by an adequate rinse of water.

#### *Group B: Solvents*

Most organic solvents are flammable and/or toxic, and must be handled accordingly. Always refer to the solvent manufacturer's Safety Data Sheets (SDS) and utilize proper safety practices. Keep solvents away from open flames, sparks and electrical motors and use adequate ventilation, protective clothing and goggles. Solvents that may be used to remove non-water soluble deposits such as tar, grease, oil and paint include:

- Isopropyl Alcohol (Rubbing Alcohol)  
*(Alcohol has no permanent effect on fluoropolymer surfaces.)*

#### *Group C: Petroleum Solvents and Turpentine*

- VM&P Naphtha
- Mineral Spirits  
*(The above solvents have no permanent effect on fluoropolymer surfaces.)*

#### *Group D: Aromatic and Chlorinated Solvents*

- MILDEW  
In areas subject to high humidity levels, dirt and spore deposits can permit mildew growth. The following solution is recommended to remove mildew when necessary:  
1/3 cup dry powdered laundry detergent (such as Tide®)  
1 quart sodium hypochlorite 5% solution (such as Clorox®)  
3 quarts water