

PROCESSES BY MARTIN, INC.
INSTRUCTIONS FOR CLEANING AND MAINTENANCE
OF ALUMINUM COATED WITH KYNAR FINISHES (2008)

In order to maintain and extend the life of the Kynar coatings on aluminum, it is recommended to periodically clean the painted finish, at least on an annual basis.

Common surface dirt can be removed with simple washing with plain water using hoses or pressure spray equipment, ideally on a mild cloudy day.

Heavy deposits of dirt or mild contaminants can be cleaned by washing with a 5% solution in water of commonly used household detergent (Tide, for example), followed by a clear water rinse. Use a soft brush, cloth, or sponge for application. Never use a wire brush or any abrasive materials such as sandpaper, emery paper, steel wool, etc.

Mildew growth can occur from dirt and spore deposits, usually in areas of high humidity. The following solution is recommended to remove mildew when necessary:

1/3 cup dry powdered laundry detergent (Tide, for example)
1 quart of sodium hypochlorite 5% solution (Clorox, for example)
3 quarts of water

Use a soft cloth or sponge, never an abrasive or wire brush. Follow immediately with a clear water rinse.

Non-water soluble deposits (tar, grease, oil, paint, graffiti, etc.), may be removed from the painted surface with a mild solvent followed by a clear water rinse. Use denatured alcohol (ethanol) or isopropyl (rubbing alcohol). Test in an inconspicuous area before use on a large scale.

Other harsh deposits may be removed using the following solvents but they must be used with caution on the Kynar painted surface and should not be in contact for longer than five minutes maximum. Test in an inconspicuous area before use on a large scale.

VM&P naphtha, mineral spirits, kerosene, or turpentine
Xylene or Toluene

These solvents are highly flammable and must be handled accordingly. Keep away from open flames, sparks and electrical motors. Use adequate ventilation, protective clothing, and goggles.

The use of commonly sold paint removers, such as Methyl isobutyl ketone (MIBK), Ethyl acetate (nail polish remover), Butyl acetate, lacquer thinner, etc., is not recommended for use on Kynar painted surfaces.