



How to Topcoat AC Foils

Compatible systems:

- Nitro cellulose - this type lacquer can be applied directly to the foil surface
- Polyurethane - with following solvents: Toluene, Xylene, Alcohol
- UV curable acrylic and polyester coatings - depending on the type formulation, a nitro-cellulose primer may improve adhesion between coating and foil surface.
- Alkyd/Urea and Melamine systems will usually require a PVC or nitro-cellulose primer coat to assure adhesion.

Caution is suggested with following:

- When MEK, MIBK or Butyl Acetate solvents are used, keep below 50% of overall weight. These solvents are quite aggressive and may distort the printed surface if used in high concentrations.
- Sulfonic acid catalysts or silicones in large volumes should be avoided.
- Thermoset Acrylic/Melamine combinations may not adhere to the foil surface without adding thermoplastic acrylic or vinyl to the coating.

In all cases we strongly recommend testing compatibility and adhesion of the coating system prior to using a particular coating in production.

NOTE: Instructions given herein are approximate and adjustment may be required in adapting materials for use in any specific application. The data presented is a result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made. Date: 06/30/04.