

TECHNICAL DATA

WF-3 SERIES FLAT WATERBASE TOPCOATS

April 2011

PRODUCT DESCRIPTION:

This series of flat water base topcoats is designed for use over various plastic substrates including ABS, polycarbonate, polysulfone and other plastics common to aircraft and marine cabin interiors.

The coatings are characterized by excellent adhesion, mar and scratch resistance, stain resistance and clean ability. These coatings are suitable for use in areas where cabin flammability (low smoke emissions and heat release) is required.

MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF SPECIFICATIONS:

Boeing BMS 10-83 / F.A.R. 25.853 / DPM 5949

SURFACE PREPARATION:

Surfaces to be painted should be cleaned with a mild alkaline cleaner to remove any residue on the surface. Then the area should be lightly abraded with scotch brite and sanding residue removed with a tack cloth.

MIXING / APPLICATION:

Mix the paint well by stirring. Do not use a paint shaker as foaming may result. Spray with suitable equipment such as HVLP units. Apply wet uniform coats to a dry film thickness of 2-3 mils. Coating will dry to touch in 30 minutes to 1 hour, tack free in 1 to 2 hours and dry hard in 8 hours at normal environmental conditions of 70°F. These coatings may be reduced, if necessary, 5-15% by volume, with water.

PHYSICAL PROPERTIES:

Appearance:	Flat, various colors
Gloss:	< 6 @ 60°
Solids by Weight:	40-45 theoretical, depending on color
Solids by Volume:	28-30 theoretical, depending on color
Coverage:	449 - 481 sq. ft/mil/gallon @ 100% transfer depending on color
Viscosity:	20-40 seconds, #3 Zahn
Volatile Organic Content:	1.9 lbs/gallon maximum
Shelf Life:	1 year from date of manufacture
Storage Temperature:	40 - 95°F

PRECAUTIONS:

Use with adequate ventilation and proper respiratory protection. See MSDS for complete details of composition and required precautions for safe use.