MIL-C-85285C
POLYURETHANE AIRCRAFT COATING

TECHNICAL DATA SHEET

DESCRIPTION:

MIL-C-85285C is a two component, High Solids, Aliphatic Polyurethane Coating.This coating is resistant to chemicals, solvents and abrasion.This product is specially formulated for excellent ultraviolet ray resistance and superior exterior durability. MIL-C-85285C has excellent adhesion to most substrates and is recommended for applications where a tough, chemical resistant coating is required.

INTENDED USE:

Type 1 of this high solids, polyurethane coating is intended for use on aircraft exteriors.
Type 2 is intended for use on ground equipment.

PROPERTIES:

COLORS: full range	Fed Std 595b
SOLIDS by volume	53-57% **
SOLIDS by weight	65-76% **
Mix Ratio	4-1 by volume catalyst- Polyurethane #8800
Dry Film Thickness	1.7-2.3 mils
Dry Times @77° F	Tack Free 2hrs * Dry 6-8 hrs * Light Service 24hrs * Full Service 7 days *
Recoat	24 hrs *
Pot Life @ 77° F	6-8 hrs *
VOC (maximium)	420 g/L
Shelf Life @ 77° F	12 months (D.M.)
Reducer	MIL-T-81772B ty 1
S.F. Coverage	450-600 sq/ft gal. ***

* times will vary with, humidity,temperature and film thickness.
** values will vary with colors.
*** @ 100% transfer efficiency

ADVANTAGES:

Excellent Exterior Durability
Abrasion Resistant
Chemical Resistant
Meets ASTM Standard Tests
Resistant to Corrosive Fumes
Meets Military Specification

Surface Prep & Primer (recommended)

Aluminum:
Solvent wash
Alumiprep- Etch & Clean
Alodine- Chrome Conversion Coating
Prime MIL-P-23377 @ .9 mils dry. (minimum)

SAFETY:

Refer to **Material Safety Data Sheets** before use

Distributed by:
PACIFIC WESTERN PAINTS LTD.
AIRCRAFT COATINGS & RESINS
151- 5489 Byrne Road, Burnaby, BC, Canada, V5J 3J1
Phone (604)432-6111 or (604)430-4151
Fax (604)432-7006 e-mail **info@pwpaints.com**
Web site: **www.pwpaints.com**