UV TOP COAT

PRODUCT DESCRIPTION:

UV TOP COAT is a polyester modified, aliphatic, acrylic polyurethane formulated specifically for protecting two-part epoxies and composite wrap systems. A fast drying, urethane that provides color and gloss retention for exterior exposure.

FEATURES:

- Max Service temperature: 200°F (93°C)
- Mix Ratio: 6:1 by volume.
- Outstanding performance properties

APPLICATION CONDITIONS:

Temperature:35°F (1.7°C) minimum, 120°F (49°C) maximum (air and surface)
40°F (4.5°C) minimum, 120°F (49°C) maximum (material)

Relative humidity: 85% maximum

STORAGE AND HANDLING:

The shelf life of UV TOP COAT is 24 months when stored at 40°F (4.5°C) to 100°F (38°C). For best results, store in original, tightly closed containers in a cool, dry place out of direct sunlight.

PACKAGING:

Pint Kit
Gallon Kit

LIMITED WARRANTY

For warranty information please visit

http://www.jetlube.com/pdf/Limited_Warranty_At_Delivery_Deacon.pdf You can also email us at sales@jetlube.com

INSTRUCTIONS FOR USE:

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Mix the contents of each component thoroughly for 3 minutes. Make certain no pigment remains on the bottom of the can. Pour the entire contents of Part B into Part A container. Mix thoroughly for 3 minutes.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	**4.5** (112.5)	**9.0** (225)
Dry mils (microns)	**3.0** (75)	**6.0** (150)
~Coverage sq ft/gal (m^2/L)	**175** (4.3)	**346** (8.5)
Theoretical coverage **sq ft/gal** (m^2/L) @ 1 mil / 25 microns dft	**1040** (25.5)	

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 6.0 mils wet (150 microns):

	@ 35°F/1.7°C	@ 77°F/25°C *50% RH*	@ 120°F/49°C
To touch:	4 hours	1 hour	20 minutes
To handle:	18 hours	9 hours	4 hours
To recoat:			
minimum:	18 hours	8 hours	6 hours
maximum:	3 months	3 months	3 months
To cure:	14 days	7 days	5 days
Pot Life:	4 hours	2 hours	45 minutes
Sweat-in-Time:		None	

Drying time is temperature, humidity, and film thickness dependent.
Paint temperature must be at least 40°F (4.5°C) minimum.

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

PERFORMANCE CHARACTERISTICS:

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load	43 mg loss
Adhesion	ASTM D4541	1976 psi
Corrosion Weathering	ASTM D5894, 27 cycles, 9072 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering
Direct Impact Resistance	ASTM D2794	70 in. lb.
Dry Heat Resistance	ASTM D2485, Method A	200°F (93°C)
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Passes
Humidity Resistance	ASTM D4585, 100°F (38°C), 1500 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering
Pencil Hardness	ASTM D3363	3H
Salt Fog Resistance	ASTM B117, 15,000 hours	Rating 10 per ASTM D610, for rusting; Rating 10 per ASTM D714, for blistering