



Technical Data

PRODUCT DESCRIPTION

A high performance, two component primer - surfacer for use where appearance, durability and chemical and corrosion resistance are paramount. For use on automobiles, trucks, trailers, railway cars or chemical (acid or caustic) trailers. This product does not meet USEPA National VOC Emission Standards for Architectural Coatings and is for use in shop environments only.

NOTICE: THESE PRODUCTS ARE RESTRICTED FROM USE IN NON-ATTAINMENT REGULATED AREAS.

For best results, use one of the JONES-BLAIR™ engineered systems for a total coating system.

FEATURES

- Excellent corrosion resistance
- Solvent resistant
- Chemical resistant
- Uses same catalyst as ACRYLITHANE™ C
- Lead free

PRODUCT DATA

Description	Results
Vehicle Type	Epoxy Urethane
Colors	33105 Yellow & 33510 Gray
Gloss	<10 on 60° meter
VOC (mixed)	604 g/l (5.03 lbs/gal)
Weight/Gallon (mixed)	10.6 pounds
Solids by Weight (mixed)	53.1%
Solids by Volume (mixed)	33.4% (Theoretical)
Viscosity (mixed)	50" / Ford 4
Flash Point (white)	90°F
Dry Heat Resistance	300°F (149°C)
Freight Classification	See MSDS
Packaging	Full Gallon

APPLICATION DATA

Description	Results
Application	Spray
Mix Ratio	8:1 by Volume
Catalyst	99931
Recommended Thickness	1.0 - 2.0 mils DFT
Dry Time @ 77°F, 50% RH	
Recoat	1 hour
Tack Free	1 hour
Handle	2 hours
Pot Life @75°F, 50% RH	
2X Viscosity	6 hours
Gell Time	12 hours
Coverage	357 sf/gal at 1.5 mils DFT
Thinner	21102 up to 12%
	21092 up to 12%
	21093 up to 3%

Clean Up 21092

The technical specifications for this data sheet are based on product 33105 Yellow.

CURED FILM PERFORMANCE

Description	Test Method	Results
Adhesion to Steel	ASTM D4541	>500 psi
Hardness	ASTM D3363	H
Impact Resistance	ASTM D2794	160 Direct
Corrosion Resistance	ASTM B117	No Under Cutting
	1,000 hrs. Salt Fog	

EQUIPMENT RECOMMENDATIONS

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

SPRAY APPLICATION (General): The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

AIR ATOMIZED SPRAY:

	Model	Air Cap	Fluid Tip	Fluid Delivery	Atomizing Pressure
Pressure	Binks #18	63 pb	66	20 oz/min	45 - 60 psi
Pressure	DeVilbiss MBC-510	704	fx	20 oz/min	45 - 60 psi

AIRLESS SPRAY:

Model	Pump Ratio	Fluid Tip	Fluid Pressure	Filter Mesh
Graco Bulldog	30:1	.011 - .013	1800 - 2200	100
Binks B 8D	35:1	.011 - .013	1800 - 2200	100

GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, dirt, grease, wax, mildew, loose or flaking paint and other surface contaminants. Remove loose, peeling, flaking or scaling paint and rust by scraping, sanding or wire brush or blasting.

For best results, an SSPC-SP 5 (NACE No. 1) white metal blast is minimum for severe exposure. For moderately severe (non-immersion) exposures an SSPC-SP 6 (NACE No. 3) commercial blast can be used.

DIRECTIONS FOR USE

TINTING: Not recommended.

THINNING: Add 21102 ACRYLITHANE™ Supreme Spray Reducer as required. When temperature is over 70°F, use 21092 ACRYLITHANE™ Medium Reducer. Add 21093 ACRYLITHANE™ Retarder to reduce dry spray and orange peel, if required. Pot life is approximately 4 hours after mixing. Mix only the amount of material which can be used within 4 hours. Pot life is decreased with an increase

in temperature. Mixed material should be kept in as cool a place as possible. Flush mixed material from pot and lines immediately after use.

APPLICATION: Mix thoroughly before use. Add 1 pint of 99931 per gallon unit of UREPRIME® then mix thoroughly again. Only apply when air and surface temperature are between 40° – 100°F (7° - 38°C) and when the surface temperature is at least 5°F or 3°C above the dew point.

DRYING TIME: Low temperature, high humidity, poor ventilation and thick films will retard drying. Accelerator 99011 may be added only at the rate of 1/4 fl oz or less, per mixed gallon of UREPRIME® to reduce the drying time.

CLEAN UP: Clean up paint tools or spills immediately with recommended thinner, carefully observing cautions on paint and thinner labels. Dried paint may be removed by scraping.

ENGINEERED SYSTEMS

SYSTEM - A

For maximum corrosion resistance and durability. Recommended for use in coastal and marine exposures above the splash zone over a sandblasted surface.

First coat Primer: 3 dry mils of 33902 CHEM-O-Z™ II Organic Zinc Rich Primer.

Second intermediate coat: 3-4 dry mils of 33105 (yellow) or 33510 (gray) UREPRIME® Surface Primer in one or two coats, depending on surface texture.

Topcoat: 2-3 dry mils of ACRYLITHANE™ C in the desired color for the finish coat.

Clearcoat: 1 dry mil of ACRYLITHANE™ C Clear (optional for ultimate gloss and durability).

SYSTEM - B

For maximum chemical resistance while affording excellent corrosion resistance and durability in non-salt atmospheres. Recommended for use in inland areas and for resistance to acid and alkali. Sandblasting is recommended.

First coat Primer: 2 dry mils of 33105 (yellow) or 33510 (gray) UREPRIME® Surface Primer.

Topcoat: 2-3 dry mils of ACRYLITHANE™ C in the desired color for the finish coat.

Clearcoat: 1 dry mil of ACRYLITHANE™ C Clear (optional for ultimate gloss and durability).

SYSTEM - C

Recommended for refurbishing existing equipment and structures that have a surface suitable for refinishing by sanding and spot cleanup with hand and power tools.

First coat Primer: 2 dry mils of 33105 (yellow) or 33510 (gray) UREPRIME® Surface Primer (preferred) or alternately 2 mils of 15172 Red STANTEST™ Primer or 15572 Gray-Green STANTEST™ Primer.

Topcoat: 2 dry mils of ACRYLITHANE™ C in the desired color for the finish coat.

Clearcoat: 1 dry mil of ACRYLITHANE™ C Clear (optional for ultimate gloss and durability).

ALTERNATE PRIMERS: Contact JONES-BLAIR® Company.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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JONES-BLAIR®

2728 Empire Central - P.O. Box 35286 - Dallas, TX 75235 - Telephone (214) 353-1600 - Fax (214) 350-7624 - www.jones-blair.com