



AMP-UP™ URETHANE

AMP-UP™ URETHANE is a two component, high build acrylic aliphatic urethane with excellent color and gloss retention. Finish cures to a very tough, abrasive resistant film with exceptional exterior durability, chalk resistance, color stability and longterm gloss retention. AMP-UP™ URETHANE will not degrade when exposed to the alkali on a construction site. Acids and detergents will not stain. This product was developed for use on aluminum, as well as structural steel for both interior and exterior applications. Available in a full range of colors and a satin finish.

Packaging

1.25-Gallon Kit 5-Gallon Kit

Recommended Primers

This topcoat is compatible with a wide range of primers. Excellent performance will be obtained when used with any of the AMP-UP™ Series products.

Surface Preperation

Primer Surface: When applying this product at topcoat on the AMPUP™ Series products, it is essential to remove all contamination that can affect coating application and interfere with coating adhesion. Inspect the surface of the primer before applying this product and remove dirt, dust, oil, salt, and any other chemical contaminants by washing the surface with a cleaner/degreaser. Mold and mildew areas must be cleaned with a chlorinated cleaner or bleach solution. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application. Paint solvent should not be used for cleaning or degreasing the primer surface. Verify with technical data sheet and application guide of the AMP-UP™ Series products for overcoatability and the given maximum over-coating interval.

Previously Coated: Previously coated surfaces must be in good condition. Smooth, hard or glossy finishes should be sanded to create a surface profile. To ensure product compatibility, application on a test patch is recommended.

Equipment Recommendations

Brush: Use a good quality synthetic bristle brush such as Purdy® brush.

Roller: Use a good quality synthetic nap.

Air-Atomized Spray:

METHOD	FLUID TIP	FLUID DELIVERY	ATOMIZING PRESSURE
PRESSURE	0.055 - 0.070	10-16 oz/min	25-60 psi
SIPHONE	0.055 - 0.070	-	25-60 psi
HVLP(VAR)	0.043 - 0.070	9-10 oz/min	10 psi at tip

Air cap for highest pressure

Airless Spray:

FLUID PRESSURE	FLUID TIP	FILTER MESH
1800-3000 psi	0.013-0.017	100

Thinning

THINNER 1 (Fast) or THINNER 2 (Slow): The choice of correct thinner will give optimum lay down of product and ease of application. Depending on temperature and humidity, select the thinner and the degree of thinning. THINNER 1 is recommended for brush and roll applications. THINNER 2 is recommended for spray applications.

Clean-up

Use xylenes or MEK after use

Physical Properties

RESIN TYPE	High Solids Polyurethane	
PIGMENT TYPE	Metal Oxides (Varies with color)	
SOLVENTS	Xylenes, Methyl Amyl Ketone	
SOLIDS BY VOLUME	60 – 70%	
VOLATILE ORGANIC COMPOUNDS	420 – 480 g/L	
MIX RATIO(BY VOLUME) *For 1.25-gal kit: use of a 2-gallon or larger pail needed for mixing part A, part B and thinner (if needed) **For 5-gal kit: use of a 6-gallon or larger pail needed for thinning	PART A	4 parts
	PART B	1 part
	THINNER 1/2	1 part
RECOMMENDED DRY FILM THICKNESS(DFT) PER COAT	2 mils (50 µm)	
WET FILM TO ACHIEVE DFT	4 mils (100 µm)	
COVERAGE AT RECOMMENDED DFT	250 – 300 sq.ft./gal	
POT LIFE 70-80 °F (21-27 °C) / 50% RELATIVE HUMIDITY	3 – 4 hours	
DRY TIMES	AT 70°C	30 minutes
	AT 25°C	2 – 3 hours
SHELF LIFE	1 year	
SAFETY INFORMATION	See SDS	

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