

## ANTI-GRAFFITI COATINGS SPECIFICATIONS

**GENERAL REQUIREMENTS:** These coatings shall consist of a solvent based, water resistant, highly durable application that can be sprayed, rolled or brushed onto any architectural surface, such as concrete, plaster, brick, wallboard, steel, aluminum or wood. Once applied and cured, all coatings must also be impervious to damage by graffiti removers or cleaners. Coating and cleaner compatibility is paramount. The coating must come in low gloss or glossy and meet the following specifications:

### LOW GLOSS COATING

<b>PROPERTY</b>	<b>LIMITS</b>
Viscosity	1200-2500 cps
Color	as requested
Flash Point (CC)	> 100°F T.C.C.
Work Life (potable time)	min 2 hours
Tack-free Time	< 6 hours
VOC (mixed)	< 2 lbs./gal.
Thinner Solvent	up to 10% Toluene
60° Gloss Cured	30 to 40
100 M.E.K. RUBS	pass
100 Toluene RUBS	pass
Accelerated weathering	
ASTM-G52 1000 hours:	loss of gloss: < 10
	yellowing: slight

### GLOSSY COATING

<b>PROPERTY</b>	<b>LIMITS</b>
Viscosity	1200-2500 cps
Color	as requested
Flash Point (CC)	> 39°F T.C.C.
Work Life (potable time)	min 2 hours
Tack-free Time	< 6 hours
VOC (mixed)	< 2 lbs./gal.
Thinner Solvent	up to 10% acetone
60° Gloss Cured	> 80
100 M.E.K. RUBS	pass
100 Toluene RUBS	pass
Accelerated weathering	
ASTM-G52 1000 hours	loss of gloss: < 15
	yellowing: slight

## GRAFFITI REMOVER SPECIFICATIONS

**GENERAL REQUIREMENTS:** The graffiti remover must have the following characteristics: be easily sprayable by trigger or pump applicator; be of sufficient thixotropic or gelatinous consistency to hang on vertical or overhead surfaces without running; rinse off easily with water; be completely biodegradable; be non-toxic; be non-flammable; contain no petroleum distillates; and contain **NO** ingredients classified as hazardous by any state or federal agency.

### DRY SURFACE GRAFFITI REMOVER

<b>PROPERTY</b>	<b>LIMITS</b>
Viscosity	4000-7000 cps
Vapor Pressure	@ 5mm
Flash Point (CC)	> 200°F
LD50	@ 7 gms./kilogram
Carcinogens	none
Mutagens	none
Water rinsable	pass
Water neutralized	immediate
Biodegradable	pass

### WET SURFACE GRAFFITI REMOVER

<b>PROPERTY</b>	<b>LIMITS</b>
Viscosity	4000-7000 cps
Vapor Pressure	< 5mm
Flash Point (CC)	> 160°F
LD50 Rat	> 7 gms./kilogram
Carcinogens	none
Mutagens	none
Water rinsable	pass
Water neutralized	within 3 minutes
Biodegradable	pass

### GRAFFITI REMOVAL TECHNIQUES

Spray affected area only. Use natural bristle brush or cloth to agitate compound into graffiti. Remove all material from surface with damp cloth or water spray, depending on surface. Repeat procedure if necessary.

### TEST METHODS

All tests to be performed at 75°F, unless otherwise stated.

Viscosity:	Brookfield viscosimeter model RVF using a #4 spindle at 10 rpm.
Flash point:	Cleveland Closed Cup or equivalent.
Work Life:	Mix a 50 gms. sample with proper amount curing agent per manufacturers specs. Elapse interval from mix time to gel time is measured.
Tack-free Time:	Brush out properly mixed material one to two mils thickness to dry, cured concrete. Measure elapse interval from mix time to tack-free status. Material will feel tacky but <u>will not</u> adhere to finger when touched.
VOC (mixed):	Follow Los Angeles Basin AQMD test method.

### APPLICATION

PROTECTIVE COATING: Must be applied to clean, dry surface, bare or previously painted, including graffiti paint. No grease, oil, dirt, dust, silicon or any loose foreign material may be on the surface to be coated.

### CLEANING PROTOCOLS

Steel	Sand or bead blast to gray metal. Prime or apply topcoat direct-to-metal (dtm) before flash rust.
Concrete & brick	High pressure water wash 1,500 psi or higher. Allow dry time.
Plaster & Wall Board	Plaster and taping compound must dry completely. Wash down must follow any sanding.
Aluminum	Clean with solvent in small, manageable areas. All oil, grease, silicon, etc., must be adequately removed and the solvent completely evaporated before application.
Wood	Recently installed dry wood is usually clean. Old wood, any grease or oil spots should be sanded down to dry clean wood.
Painted Surfaces	Old paint should be chemically cleaned and etched with TSP or equivalent to remove oxidation, dirt, oil, grease, etc., and then properly dried before coating application. Testing for paint and coating compatibility is recommended.