



## Technical Data-Architect Specifications

# EZ-Clean® Anti-Graffiti Coating

**Product Numbers:** AU-0500 (Clear), AU-0510 (White), AU-0520 (Black)

**Description:** A two-component, low VOC aliphatic polyurethane, consisting of an acrylic Component "A" and a Component "B" converter. An extremely durable finish having outstanding gloss and color retention. EZ-Clean® is highly resistant to solvents, alkalis and dilute acids. EZ-Clean is highly suited for use as an anti-graffiti coating using Th0426 as a graffiti remover.

**Recommended for:** Harsh Chemical Environments – Trucks – Oil Refineries –Heavy Duty Moving Equipment – Storage Tanks – Off-Shore Structures – Harsh Marine Equipment – Power Plants – Concrete Floors subject to Vehicular Traffic – Signs – Buildings – Playground Equipment – Bridges

**Colors:** Black, White, and Clear (3 Bases available by Special Order to mix over 3,000 colors)

**Finish:** High Gloss (Special Order Bases available in either high gloss or semi-gloss)

### Physical Characteristics:

Vehicle:	Acrylic Aliphatic Urethane
Solvent:	PM Acetate, N Butyl Acetate
VOC:	2.8 #/gal (336 g/l) (white mixed)
Flash Point:	80°F Seta Flash
Solids by Volume:	62% - White
Recommended Dry Film:	2 – 3 mils
Theoretical Coverage:	Theoretical Coverage at two mils dry is 497 square feet per gallon, and 331 square feet at three mils dry. Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.
Dry Time:	Sets to touch in 2 hours, handle in 4 hours. Recoat in 12 hours
Weight:	10.54 lbs. – White mixed
Viscosity:	70 – 80 KU
Reducer:	TH-0003
Clean Up:	TH-0003
Recommended Primers:	<i>Galvanized Metal:</i> Vinyl Wash Primer <i>Aluminum:</i> EP-5050/5065 Poxy Prime <i>Steel:</i> Severe Corrosive Conditions 1 <sup>st</sup> Coat – ZR-1650 Super Prime 2 <sup>nd</sup> Coat – EP-5050 or EP-5065 Poxy Prime <i>Concrete Block:</i> EP-5050/5065 Poxy Prime or Acrylic Block Filler <i>Concrete Floors, Poured Concrete:</i> EP-5050/5065 Poxy Prime <i>Drywall:</i> Prime with 1 coat a drywall primer

**Surface Preparation:** Surfaces should be sound and free of dirt grease oils, mildew, form release agents, curing compounds, loose or flaking paint and any other surface contaminates. New Surfaces: **Steel:** Blast selection and choice of primer will be dependent on the severity of exposure and degree of protection required. Maximum protection will be attained using an SSPC-SP-10 Near White Metal Blast followed by 1 coat of ZR 3650 Inorganic Zinc, 1 coat of EP 50XX Epoxy Primer and 1 or 2 coats a AU 05XX Aliphatic Urethane. **Concrete:** All masonry surfaces must be allowed to cure a minimum of 30 days before painting. Acid etch or abrasive blast all slick, glazed concrete or concrete with laitance. For acid etching, follow all manufactures directions and safety instructions. Rinse thoroughly and allow drying. Prime concrete with 2 coats of EP-5050 or EP-5065 Poxy Prime; 1<sup>st</sup> coat should be thinned 10% and 2<sup>nd</sup> coat should be un-thinned if possible. **Galvanized and Non-Ferrous Metals:** Solvent clean all surfaces. Apply 1 coat of Vinyl Wash Primer or EP-50XX Epoxy Primer. **Previously Painted Surfaces:** Can be applied over old thermoset finishes in good condition. Test patches are recommended to check

for wrinkling or lifting of existing coatings. If lifting occurs, EP-6500 Pre-Primer may be used over all existing coatings as a barrier coat.

**Notes:** All high gloss surfaces can be slippery, especially when wet. Where non-skid properties are required, add a non-skid additive as needed.

**Pot Life:** 3-4 hours

**Limitations:** Not for immersion service. Application over previously painted surfaces may cause lifting. Not for application over any alkyd or oil based product.

**Shelf Life:** Minimum 12 months

**Mixing:** This product is supplied in two separate containers with the proper amount of each component supplied to obtain a 4:1 mix ratio. Thoroughly mix component "A" making sure no moisture contaminates the product. After component "A" is mixed, slowly add component "B" while continuing agitation.

**Packaging:** *Gallon Kit:* 1 Gallon Container Component "A" (short filled)  
1 Quart Container Component "B" (short filled)

**Application:** Brush, Roller or Spray  
Roll: ½" lambs wool or ¼" – ½" synthetic roller cover

	<i>Binks</i>	<i>Graco</i>	<i>Devilbiss</i>
<b>Conventional Air Spray:</b>			
Spray Gun:	#18	800	JGA502 or MBC 510
Fluid Nozzle:	66	03 or 04	E or F
Air Cap:	66PE or 63PW	02, 021, 03	704 or 765
<b>Airless Spray:</b>			
Pump:	37:1 #B8-36	30:1 Bulldog	
Pressure Filter:		60 mesh	
Fluid Hose:	71-7706 x 50'	¼" x 50'	
Airless Gun:	#1	208-663	
Tips:	9-1540 – 9-2260	.011 - .015	
Minimum Pressure:		2000 PSI	
<b>HVLP:</b>			
Spray Gun:	Mach 1		
Fluid Nozzle:	94F or 97F		
Orifice:	.055 or .070		
Air Nozzle:	95AP or 97AP		

**SAFETY INFORMATION:** FLAMMABLE! VAPOR AND MIST HARMFUL. MAY CAUSE LUNG IRRITATIONS AND ALLERGIC RESPIRATORY REACTIONS. EFFECTS MAY BE PERMANENT. IRRITATES SKIN AND EYES. CONTAINS ALIPHATIC POLYISOCYANATE. Keep away from heat, sparks and flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Do not breathe vapor or mist. Wear eye protection, gloves and protective clothing while mixing activator with enamel, during application, and until all vapors and spray mists are exhausted. Individuals with chronic respiratory reactions to isocyanates must not be exposed to mists or vapors containing isocyanates. Close container after each use. Avoid contact with skin and eyes. In case of spillage, absorb then dispose of in accordance with local regulations.

**First Aid:** If affected by inhalation or vapor spray mist, remove to fresh air. If breathing difficulty persists or occurs later, consult a physician. In case of eye contact, immediately flush thoroughly with water for 15 minutes and call a physician. For skin contact, wash thoroughly with soap and water. If swallowed, call physician immediately and have label information available.

**USE WITH ADEQUATE VENTILATION AND KEEP OUT OF REACH OF CHILDREN.**

**Notice:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**HMIS VALUE:** H=2 F=3 R=0 PP=C

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