



## Technical Data-Architect

# Poxy Coat® III

## Water Borne Acrylic Enamel Series PX-7500

**Description:** An extremely durable, water borne modified acrylic enamel, that provides superior adhesion and abrasion resistance. It may be used on most interior and exterior surfaces where maximum durability is required. It's quick dry and anti-blocking characteristics makes this product an excellent choice for factory and other applications where minimal dry to handle time is required.

**Colors and Finish:** Available from stock of various popular colors (see color chart) in a high gloss (80+ @60°) finish. May also be special ordered in other colors and semi-gloss (45-50) finish.

**Recommended uses:** With proper surface preparation, it is excellent over primed or previously painted metal, including galvanized steel, aluminum, primed or previously painted wood trim, wallboard, drywall, plaster, primed or previously painted concrete, brick, cinder and concrete block, machinery, tanks and equipment, concrete floors.

**Not Recommended for:** Immersion service or for use on exterior siding. Poxo Coat® III may not be compatible on floors subject to vehicular traffic.

### Physical Characteristics:

Vehicle:	Modified Acrylic
Solvent:	Water
Percent Solids/vol:	41%
Recommended DF:	2 mils
Wet Heat Resistance:	150°F continuous, 175°F Intermittent
Flash Point:	Not Applicable
Cross Hatch Adhesion:	5 – Conforms to ASTM 3359
Flexibility:	Conical Mandrel 1/8" pass – Conforms to ASTM D522
Salt Fog Resistance:	150 Hours-No Effect, Exterior Exposure-45° South Florida-6 months Gloss Retention - 80° minimum – Conforms to ASTM B117
Theoretical Coverage:	329 sq. ft/gal. @ 2 mils dry. (Will vary depending on degree of texture, porosity and material losses during mixing and application.
Dry Time:	15-30 minutes to touch. Re-coat in 2 hours. Hard Dry in 12 hours.
Weight:	10.5 lbs./gal.
Viscosity:	85-95 KU
Reducer:	Water
Clean Up:	Soap and Water
Pot Life:	Not Applicable
Shelf Life:	12 month minimum
VOC:	1.45 lbs./gal. (174 g/l) – White

**Surface Preparation:** All surfaces must be clean and free of dirt, grease, oil, mildew and any other surface contaminants. New concrete must be allowed to cure for 60 days. Concrete surfaces should be acid etched using a solution of muriatic acid. All surfaces should be swept, washed and rinsed thoroughly, and allowed to dry completely. Loose and flaking paint should be removed from previously painted surfaces. A mixture of bleach and Tri-Sodium Phosphate may be used to remove all mildew. Glossy surfaces should be dulled and roughened before application, and any holes and cracks should first be patched. Bare wood and other rough surfaces should be sanded smooth. Painted surfaces should be cleaned and spot primed.

**Recommended Primers:** Prime Time P-944 or E-Z Prime WR-P800 Series (Water Reducible)

**Mixing:** Stir well and apply as it comes from the container.

**Application:** Spray application is recommended. Brush and roll applications should only be done on small areas at a time because of rapid drying characteristics of this product. Roll: 1/4" – 3/8" synthetic roll cover. Ambient and substrate temperatures must be above 50° F. (10° C) and below 90°F (32°C) during application and cure periods. High humidity may retard curing and affect finish. Product may be tinted with up to four ounces per gallon of universal tint.

**SAFETY INFORMATION:** Do not take internally. Close container after each use. Keep from freezing.  
**KEEP OUT OF REACH OF CHILDREN**

**HMIS VALUE:**                    **H = 1**                    **F = 0**                    **R = 0**                    **PP = C**

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