

COATING DATA

DESCRIPTION:

Induron's AC 303 Acrylic Epoxy Enamel is a two component, high gloss, low odor, water borne acrylic epoxy formulated for exceptional toughness and stain resistance. It has user friendly application properties and is available in a wide range of colors. It is the ultimate in chemical, corrosion, and scrub resistance as available in a water-thinned product. This product meets the requirements of the Food Safety and Inspection Service of the U. S. Department of Agriculture as chemically acceptable for use in areas where there may be a possibility of incidental food contact.

USE:

For use as a tile-like interior masonry and CMU wall coating, specially formulated to protect against staining, scuffing, and general abuse. Ideal for all areas requiring frequent cleaning such as schools, hospitals, laboratories, water treatment facilities, food and beverage plants, natatoriums and institutional kitchens. This product is particularly suitable on interior exposures subjected to high humidity conditions. It also may be used as a light duty exterior maintenance enamel. AC 303 is easily applied by brush, roller, and airless spray application.

PERFORMANCE:

SYSTEM: Two coats Induron AC 303 Acrylic Epoxy Enamel at 2.5 mils per coat. 5 mils total dry film thickness.

TEST	REAGENT	RESULTS
STAIN REMOVAL WITH WATER AND COMET® CLEANSER	Ketchup	100% Removed
	Lipstick	91% Removed
	Ball Point Pen	100% Removed
	Pencil	100% Removed
	Coffee	100% Removed
RESISTANCE TO CHEMICAL AGENTS	Merthiolate	100% Removed
	Greasy Grime	95% Removed
	Water	No Effect
	Mineral Spirits	No Effect
	Xylene	Softens but Recovers
	Rubbing Alcohol	Softens but Recovers
	Clorox	No Effect
	Ammonia	Softens Slightly
Pine Sol Cleaner	Softens but Recovers	

LIMITATIONS:

Do not use for immersion service. Do not use on floors subjected to heavy traffic.

SURFACE PREPARATION:

Surface should be dry and free of all dirt, oils, laitance and other contaminants. New work should be prepared as follows: **Masonry**—New masonry must cure at least 28 days and contain less than 14% moisture prior to painting. For best results, abrasive brush blast or mechanically abrade to remove laitance and to clean surface. Fill bug holes and imperfections with EFS707 or Mortarchem. **Concrete Block**—Prime with Induron AC 220 Acrylic Block Filler or Polyfill Epoxy Block Filler. For continuous wet conditions prime with Induron Polyfill Epoxy Block Filler. **Wood**—Scrape and/or sand to a sound substrate and apply two coats of Induron AC 303. **Steel and non-ferrous metals**—Prime with Induron Aquanaut® Acrylic Primer. **Sheetrock**—Apply two coats of Induron AC 303 Acrylic Epoxy Enamel. **Previously**

Painted Surfaces—Clean the surface of all contaminants. Uniformly abrade all glossy coatings. Spot prime bare areas and apply two full coats of Induron AC 303 Acrylic Epoxy Enamel.

COVERAGE:

Theoretical—658 ft² per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

2.0 to 3.5 mils per coat.

WET FILM THICKNESS:

5.0 to 8.0 mils.

APPLICATION DATA

BLEND RATIO:

One part AC 303 Acrylic Epoxy Enamel activator to nine parts AC 303 Acrylic Epoxy Enamel base. Power agitate until components are thoroughly mixed. Allow mixed components to stand for 15-30 minutes (15 minutes at 70 F and warmer. 30 minutes for temperatures between 45-65 F) prior to application.

POT LIFE:

12 hours @90F, 24 hours, less than 70F.

APPLICATION:

Airless Spray—Use .015 tip, 100 mesh filter. Maintain 1500-2000 psi at tip

Conventional Spray—Not recommended.

Roll—Use a 3/8" nap, high quality synthetic cover with a solvent resistant core. **Brush**—Use a high quality, synthetic bristle brush.

THINNING:

As necessary, thin up to 10% by volume with water. Clean up with warm water and soap.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 45°F and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dew point for a period of at least two hours after application to avoid film defects caused by condensation occurring on wet paint.

DRY TIME:

TO HANDLE—45 minutes @90F, 90 minutes@70F, 3 hours @ 50F.

TO RECOAT OR FOR LIGHT USE—Overnight

COMPLETE CURE—Two weeks.

Note: Lower temperature, higher film build, and/or poor ventilation will retard dry time.

PHYSICAL DATA:

VOLUME SOLIDS: 41% ± 1%

SOLIDS BY WEIGHT: 44% ± 1%

WEIGHT PER GALLON: 10.0 ± .2 lbs. per gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 1.8 lbs/gallon; < 220 grams/liter

Mixed thinned 10% - < 1.8 lbs/gallon; < 220 grams/liter

SAFETY DATA:

This product is formulated free of lead, chromates, mercury or other toxic pigments. See product label for safety and health information. Individual Material Safety Data Sheets are available upon request.