



PROTECTIVE COATINGS

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TECHNICAL DATA

AC 303 ACRYLIC EPOXY ENAMEL

COATING DATA

DESCRIPTION:

A two component high gloss, low odor, water borne acrylic epoxy formulated for toughness and stain resistance. It has friendly application properties and is available in a wide range of colors. AC 303 Acrylic Epoxy Enamel is the ultimate in chemical, corrosion, and scrub resistance 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 wall coating, especially suited to protect against staining, scuffing, and general abuse. Ideal for all areas requiring frequent cleaning such as schools, hospitals, laboratories, water treatment facilities, food plant, and institutional kitchens. This product also 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 formulated specifically for 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 | Methiolate | 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, oil, and fallout, laitance, or 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, Brush Blast to clean surface. **Concrete Block**—Prime with Induron AC 220 Acrylic Block Filler. For continuous wet conditions prime with Induron Polyfill Epoxy Block Filler. **Wood**—Scrape and/or sand to a sound substrate. Two coats of Induron AC 303 will be required. **Steel**—Prime with Induron Aquanaut© Acrylic Primer. **Sheetrock**—Two coats of Induron AC 303 Acrylic Epoxy Enamel will be required. **Previously Painted Surfaces**—Clean the surface of all foreign materials. Spot prime bare areas and apply two full coats of Induron AC 303 Acrylic Epoxy Enamel.

COVERAGE:

Theoretical—664 ft² per gallon at 1.0 mil dry film thickness - No loss.

DRY FILM THICKNESS:

2.0 to 3.3 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 soak thirty minutes prior to application.

POT LIFE:

16 hours at 80°F.

APPLICATION:

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

Conventional Spray—Not recommended.

Roll—Use lambswool cover, 1/2" or less. Additional coats may be required to achieve desired film thickness.

Brush—Use natural bristle brush.

THINNING:

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

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 45°F (7°C) and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dewpoint for a period of at least two hours after application to avoid condensation occurring on wet paint.

DRY TIME:

TO HANDLE—1 hour at 80°F.

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.