

COATING DATA

DESCRIPTION:

A high build, high solids epoxy coating formulated to fill and protect masonry block. It also provides good adhesion to most materials associated with masonry construction (steel, concrete, wood, mortar, etc.) and to most existing cured coatings. Induron Polyfill Epoxy Block Filler acts as a chemical and water resistant barrier when applied correctly. It may be used alone, or it may be topcoated with an appropriate Induron finish.

Polyfill Epoxy Block Filler

- High build and block filler, may be applied to provide up to 20 dry mils per coat.
- Complies with U. S. EPA National Volatile Organic Compound (VOC) Emission Standards for industrial maintenance coatings effective September 13, 1999.
- Extremely good water resistance.
- Allows for smooth, uniform appearance of otherwise rough surfaces.
- Performs well in many aggressive corrosive environments including:
 - Concrete block.
 - Rough concrete.

USE:

Induron Polyfill Epoxy Block Filler is formulated to fill holes and cracks common to all forms of masonry block construction. It also provides a high build barrier against water penetration. It may be recommended for caustic and mildly acidic exposures, and for areas which are subject to continuous wet or damp conditions. For the best protection, this product should be applied in a continuous film over all masonry and other exposed areas. This product is well suited for use over concrete or masonry retaining walls and structures such as bath houses, water treatment facilities, and car washes.

LIMITATIONS:

Not recommended for dry service temperatures exceeding 200°F, or immersion service at temperatures exceeding 120°F. Do not apply when substrate temperature is below 40°F. Not recommended for immersion in strong acidic solutions.

SURFACE PREPARATION:

Previously Painted Surfaces—Remove all poorly adhering old paint and all surface contaminants such as chalk, salts, oil, and grease. Hard, glossy surfaces should be sanded. If there is uncertainty concerning the suitability of a surface, apply a test patch and test adhesion after 24 hours. **Masonry Block**—For best performance, surface should be dry and adjoining mortar well set and at least 28 days old. **Concrete**—For best performance, use Brush Off Blast Cleaning. Concrete must cure at least 28 days before application of Induron Polyfill Epoxy Block Filler.

RECOATABILITY:

Induron Polyfill Epoxy Block Filler may be used untopcoated or it may be topcoated with Induron Perma-Clean II Epoxy, Armorguard Epoxy, Induraguard Epoxy, Indurethane polyurethane finishes or AC 303 Acrylic Epoxy.

COVERAGE:

Theoretical—1,027 ft² per gallon at 1.0 mil dry film thickness. Actual coverage will vary considerably depending on smoothness or porosity of surface to be filled.

DRY FILM THICKNESS:

3.0 to 20.0 mils per coat, as needed to fill cracks, pits, voids, etc.

WET FILM THICKNESS:

5.0 to 32.0 mils.

APPLICATION DATA**BLEND RATIO:**

Four Parts Induron Polyfill Epoxy Block Filler Part A to one part Induron Polyfill Epoxy Block Filler Part B. Blend components thoroughly using power agitation. Allow components to stand 15 minutes prior to beginning application.

POT LIFE:

Six hours at 80°F.

APPLICATION:

Airless Spray—Use .025 tip or larger, 30:1 pump ratio at 60-80 psi operating pressure. **Roll**—Use lambswool cover. **Brush**—Use natural bristle brush.

Note: Use of a squeegee may provide an exceptionally smooth surface.

THINNING:

For airless spray application, use unthinned. If required, thin up to 10% with K-1066 Reducer.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 40°F 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 RECOAT— 48 hours at 40°F to 50°F; overnight if over 50°F.

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

PHYSICAL DATA:

VOLUME SOLIDS: 64% ± 1%

SOLIDS BY WEIGHT: 76% ± 1%

WEIGHT PER GALLON: 10.5 ± .2 lbs per gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 2.6 lbs/gallon; < 302 grams/liter

Mixed thinned 10% - < 3.0 lbs/gallon; < 360 grams/liter

SAFETY DATA:

See individual product label for safety and health data information. Individual Material Safety Data Sheets are available upon request.