

## COATING DATA

### DESCRIPTION:

A high build, high solids epoxy filler for poured and precast masonry and concrete block. Induron Polyfill Epoxy Block Filler acts as a chemical and water resistant barrier when properly applied. It may be used alone, or topcoated with an appropriate Induron finish.

### Polyfill Epoxy Block Filler

- High build block filler. Can be applied to provide up to 20 dry mils per coat.
- Excellent water resistance.
- Fills, seals and transitions rough surfaces.
- Performs well in many aggressive corrosive environments.

### USE:

Induron Polyfill Epoxy Block Filler is formulated to fill holes and cracks common to all forms of masonry and block construction. It provides a high build barrier against water penetration. It is ideal 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 and then topcoated with Induron epoxies. Exposure conditions include masonry retaining walls, bath houses, car washes, water/waste water treatment facilities, food, beverage, and pharmaceutical.

### 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:

**Masonry Block** – Substrate shall be clean and dry. Mortar joints must be at least 28 days old. Remove any loose mortar, splatters, fins and protrusions. **Poured/precast concrete** – Concrete must cure at least 28 days before application of Induron Polyfill Epoxy Block Filler. Remove surface laitance by uniformly sweep blasting, grinding or with muriatic acid etching. **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 aggressively sanded. If there is uncertainty concerning the suitability of a surface, apply a test patch and test adhesion after 24 hours.

### RECOATABILITY:

Induron Polyfill Epoxy Block Filler may be used without a topcoat in mild-to-moderate atmospheres. It is typically topcoated with Induron epoxy and polyurethane finishes such as AC 303 Acrylic Epoxy, Induraguard SG, Perma-Clean II, Perma-Tuff WC, Permastic Polyurethane and 6600 Indurethane Plus.

### COVERAGE:

Theoretical—1,027 ft<sup>2</sup> 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:**

4 hours @90F, 8 hours @70F, 12 hours @50F.

**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:** While the material is still wet, using a squeegee will 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. The substrate temperature must be 5°F above the dew point for a period of at least two hours after application to avoid condensation formation on the wet coating.

**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.