

## PolyFill

“Quick-Setting” Crack Filler



### 1. Manufacturer

Surfacelogix - a Reliance Supply Company  
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### 2. Product Description

PolyFill is a two-component, low-VOC compliant, 100% solids polyaspartic-polyurea crack filler. Use PolyFill to repair cracks, crevices, and other damage to concrete surfaces before applying Surfacelogix PolyGuard 85 or other polyaspartic, epoxy, or polyurea coatings. PolyFill's fast curing formula can allow for same-day crack repair and coating application. Easy to mix and apply, PolyFill is low odor and won't expand or contract while curing. Once cured, the filler will become very hard yet flexible, resisting traffic and heavy loads while helping prevent future cracking and separation.

**FOR PROFESSIONAL USE ONLY!**

### 3. Properties & Special Features

- Low-VOC formula with 100% high solids
- Hard, durable, yet flexible surface finish
- Fast curing with 1-hour return time
- No contraction or expansion on curing
- High temperature and traffic resistance
- Chemical and stain resistance
- Very good adhesion to cementitious substrates
- Excellent flow and leveling
- Easy to mix and easy to apply

### Characteristics & Technical Data

|                                      |                      |
|--------------------------------------|----------------------|
| % Solids by Weight (when mixed A+B): | 100%                 |
| WT./Gal (A+B)                        | 10.5 lbs/gal.        |
| Coverage:                            | 100-150 Linear ft/qt |
| VOCs (A+B) :                         | 0 gr/ Lt             |

### 4. Dry Times

**POT TIME** – 15-20 minutes at 80° F

*Note: High temperatures and high humidity will decrease pot time*

**TACK FREE** – 20-25 minutes

**HARD**- 35-40 minutes

**COMPLETE HARDNESS** – Ready to sand - 1 hour

**MAX RE-COAT** – 1 hour

*Note: If applying a second coat, it must be applied within 1 hour after the first coat. If the re-coat window is missed, the second coat may not adhere well.*

**FULL CURE** – 12 hours

### 5. Coverage

Coverage is approximately 100-150 linear feet per quart kit to fill 1/8" x 1/8" cracks but will depend on porosity of the substrate and shape of the cracks.

### 6. Surface Preparation

Surfaces must be dry and clean, and free of any contaminants before application (dirt, dust, oils, grease, or solvents should not be present). PolyFill's adhesion and performance is directly related to how thoroughly the surface is prepared. Before applying, all cracks should be sanded/ grinded thoroughly, and brushed with a hard brush, and chips or loose concrete debris should be removed. Clean off all dirt and dust with a blower or use a vacuum machine to leave surface completely clean and dry. It is recommended to test product in an obscure area to ensure desired results for adhesion and finish.

### 7. Application

**Mixing Instructions:** Pour all of Part B directly into the Part A container and mix for 2-3 minutes with a spatula or slow RPM mixer/drill. Avoid creating air bubbles. It is recommended to mix and use the entire kit at one time as parts A and B are pre-weighed to ease controlling the mixing ratios.

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### 7. Application (continued)

**Warning:** The material may generate significant heat during mixing as a result of an exothermic reaction. Exercise appropriate care when handling. Always wear suitable heat-resistant gloves, safety goggles, and other required personal protective equipment (PPE) during mixing and application.

**How to Apply:** To apply, simply pour mixed PolyFill directly into the crack or apply with spatula, putty knife, or trowel. **Note:** PolyFill is fast curing and will harden within 15-20 minutes, so it is recommended to apply at once over the whole crack area to allow for good penetration and leveling over the entire crack. Apply PolyFill leaving an excess or small dome over the crack, so when it hardens, it can be sanded down flat and level. For deep cracks, use a spatula to push down PolyFill mixture, making sure enough PolyFill has been added to completely fill all spaces and gaps. If a second application is needed to fill the crack, apply within an hour of the first application. After one hour, any excess filler can be removed by sanding or grinding to achieve a flat, even surface that is ready to be coated. **Note:** It is the sole responsibility of the applicator to determine whether PolyFill is appropriate for the job.

### 8. Clean Up

Clean mixing and application tools immediately after use. Use acetone, or xylene. Follow solvent manufacturer's safety instructions and local VOC regulations. Be sure to follow all local, state, and federal regulations when disposing of materials.

### 6. Packaging

| Kit Size | Package | Part A   | Part B   |
|----------|---------|----------|----------|
| 57.9 oz. | 1 Box   | 33.7 oz. | 24.2 oz. |
| 29 oz.   | 1 Box   | 16.9 oz. | 12.1 oz. |

### 9. Storage & Shelf Life

Product must be kept in its original, unopened and tightly sealed container. Store in a dry and well -ventilated place with controlled temperature (50°F to 90°F). Keep sheltered from weather and direct sunlight. In proper storage conditions, the product's shelf life is 12 months following production (see date on packaging).

### 8. Shipping

**Land & Sea:** Part A Ships Non Regulated, Part B: LtdQty.

**Packing Group:** III

**Flash Point:** >100° C

### 10. Health Hazard Information

Use Gloves and Safety Glasses when handling this product.

**Eye Contact:** Irritates eyes. If in eyes, flush with water for at least 10 minutes. Do not rub eyes. Remove contact lenses if worn. Get medical attention.

**Inhalation:** Use a NIOSH approved respirator for continuous use and in enclosed small spaces. Use with adequate ventilation. **Ingestion:** If swallowed, DO NOT induce vomiting. Seek medical attention immediately.

**Skin:** Avoid prolonged contact with skin. Wash hands immediately with water and soap if in contact with hands.

If irritation develops in eyes or skin, call a doctor.

Please understand the label instructions and Safety Data Sheets before using this product.

### 11. Technical Support

For friendly, knowledgeable and courteous technical support please call 954.971.9111. You may also reach us by sending a query from our website at [www.surfacelogix.net](http://www.surfacelogix.net).

### 12. Disclaimer

All Surfacelogix products are manufactured with the finest raw materials. It is the applicator's responsibility to determine the appropriate use of the product. All recommendations and suggestions are made without guarantee since conditions of use are beyond our control.



**WARNING**  
H319: CAUSES  
SERIOUS EYE  
IRRITATION



**WARNING**



This product can expose you to crystalline silica which is known to the State of California to cause Cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)