

SOLID SOLUTION PRODUCTS, INC.



E-Z POUR™

TECH DATA

Aliphatic Polyurea Indoor or Outdoor Self-Leveling Concrete Joint & Crack Filler

1. PRODUCT NAME

EZ-POUR

2. MANUFACTURER

SOLID SOLUTION PRODUCTS, INC.

17842 SAMPSON LANE

HUNTINGTON BEACH, CA 92647

(844) 439-7687 / WEB: WWW.SSPPOLYMERS.COM

3. PRODUCT DESCRIPTION

Composition

E-Z Pour is a three component, 100% solids self-leveling semi-rigid modified **Aliphatic** Polyurea. When cured **E-Z Pour** is a rubberlike solid with a hardness of Shore 80A and with 600% elongation.

Basic Use

E-Z Pour is an interior or exterior horizontal concrete joint and random crack filler. For commercial, retail, grocery, residential, decorative and other concrete floors.

Features and Advantages

E-Z Pour has been tested for UV & outdoor exposure per **ASTM G-154**. It has shown minimal color change or product deterioration after 1,000 hours of exposure.

E-Z Pour has a slower gel time which allows for greater wet-out for better adhesion. With great adhesion and having **600%** elongation, **E-Z Pour** has less incidence of filler separation from joint sidewalls than other joint fillers.

- Moisture Insensitive
- Color Stable under UV
- Meets USDA Criteria
- Flexible, High Elongation
- Meets California VOC and AQMD Requirements
- 100% Solid
- Odorless
- Non-Toxic

4. PACKAGING AND COLOR

E-Z Pour is packaged in

- One Gallon Kit with Two Half-Gallon Units
- One Gallon Kit with Four Quart Units
- Five Gallon Unit

E-Z Pour Pigment - 25 Standard Colors.

Packaged with

- 2-pigment bags for half-gallon kits

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- 4-pigment bags for quart kits and
- 1-pigment bag for five-gallon kit.
Custom colors are available.

5. TECHNICAL PROPERTIES

Mix Ratio by Volume..... 7A:1B
Hardness, ASTM D-224080 ± 4 Shore A
Elongation, ASTM D-412 600 ± 50%
Tensile Strength, ASTM D-412 2000 ± 200 psi
13.8 ± 1.4 MPa
Gel Time at 75°F (24°C), ASTM D-247115 min.
UV Tested ASTM G154 Minimum Change
Tear Strength, ASTM D-624 425 ± 50 pli
74.5 ± 8.8 kNm
Total Solids by Weight, ASTM D-2369100%
Total Solids by Volume, ASTM D-2697 100%

6. INSTALLATION

Allow concrete to cure 28 days before installation. Longer putting off the installing of joint filler the better to allow for concrete shrinkage.

Preparation: All joints must be clean, dust-free, and dry prior to installing. If a joint is damp, dry with a heat torch. Recommended cleaning method is with a dustless concrete saw equipped with a diamond or abrasive blade. Hold the saw to one side the length of the joint in one direction than repeat to other side. Joints should be re-vacuumed after saw.

MIXING: E-Z Pour Do not dilute under any circumstances.

Gallon Kit: Begin by first emptying pigment bag into the A-side bottle. Then empty the B-side bag into the A-side bottle. Using an **E-Z Mixer**, attach **mixer** to a variable speed drill, carefully controlling the speed while raising and lowering the drill and holding splashguard on bottle. Mix until a homogeneous mixture and color are obtained (about 2 minutes). Remove mixer while holding rubber splashguard in order to squeegee product off of the mixer and back into the bottle. Clean mixer with paper towel.

Quart Unit: Attach spout to A-Side bottle. The spout can be cut to increase nozzle-hole size. **Half-Gallon Unit:** Attach extended nozzle to A-side bottle and place into **EZ-Gun**.

Five-Gallon Unit: Use special ratio dual electric pump recommended by Solid Solution Products.

6. INSTALLATION CONTINUED

Application: Prior to filling of joint open-cell backer-rod can be placed ½" below floor surface where full depth is not required. When full depth is required, backer-rod can be installed pushed to bottom of joint. Install product into joint or crack with minimal over-fill. When filling joint full depth, a double pass is recommended. After approx. 2 hours, slice off over-pour.

Special Note: Depending on the product's and ambient temperatures, once it's mixed there will be about 10 minutes of work time to apply the product. Ensure bottom of joints or cracks are sealed off with open-cell backer rod or sand to prevent sinker.

E-Z Pour takes approx. 12 hours to reach its full physical properties. Allow sufficient cure time before grinding/polishing over joints or cracks.

7. COVERAGE RATES

Coverage: LINEAL FEET PER GALLON				
INCHES	WIDTH			
DEPTH	1/4	1/2	3/4	1
1/2	154	77	51	39
3/4	103	51	34	26
1	77	39	26	19

8. SAFETY & CLEAN-UP CONTINUED

This product for professionals use only. Read SDS before using. Cured product may be disposed of without restriction. Check local, state and federal laws before disposing of material.

9. LIMITATIONS

Do not dilute **E-Z Pour** under any circumstances.

E-Z Pour can be applied at ambient temperatures from 32°F (0°C) to as high as 135°F (57°C). The product should be conditioned to a minimum of 70°F prior to use.

E-Z Pour should be stored at room temperature, 60-80°F (15-27°C).

E-Z Pour has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 50-80°F (15-27°C).

10. WARNING

This product contains Isocyanates and Curatives. Read SDS before using.

11. WARRANTY

Solid Solution Products, Inc. will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.