

# SOLID SOLUTION PRODUCTS, INC.



## E-Z POUR™

## TECH DATA

### 100% Aliphatic Polyurea Self-Leveling Concrete Joint & Crack Sealants

#### 1. PRODUCT NAME

**EZ-POUR**

#### 2. MANUFACTURER

**SOLID SOLUTION PRODUCTS, INC.**

3051 E LA JOLLA STREET UNIT G

ANAHEIM, CA 92816

(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 joint sealant. When cured **E-Z Pour** is a rubberlike solid with a hardness of Shore 80A and 600% elongation.

Basic Use

**E-Z Pour** is an interior horizontal concrete joint and random crack sealant for commercial, retail, grocery, residential, decorative and other concrete floors.

Features and Advantages

**E-Z Pour** has been independently tested to meet or exceed the more rigorous "Standard Specification for Elastomeric Joint Sealants" C920-18, Type M, Class 12.5, Grade P / Use T, M, (Class 2).

<b>ASTM C639</b> .....	Self-Leveling
<b>ASTM C661</b> .....	Shore A 77
<b>ASTM C1246</b> .....	No Cracking or Chalking
<b>ASTM C679</b> .....	Tack Free Time 1 hour
<b>ASTM C510</b> .....	No Stain or Color Change
<b>ASTM C793</b> .....	No Cracking or Chalking
<b>ASTM C719</b> .....	"0" separation
<b>ASTM C794</b> .....	16.72 (lbf/in.)

**A complete test report by Testing, Engineering & Consulting Services, Inc. is available on request.**

**E-Z Pour** has a slower gel time which allows for greater wet-out and significantly improves adhesion to concrete. Because it has greater adhesion along with **600%** elongation, **E-Z Pour** has less incidence of sealant separation from joint sidewalls than joint fillers.

- Moisture Insensitive
- Color Stable under UV
- USDA/FSIS approved
- 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

**E-Z Pour Pigment** - 25 Standard Colors.  
Custom colors are available.

#### 5. TECHNICAL PROPERTIES

Mix Ratio by Volume.....	7A:1B
Hardness, ASTM D-2240 .....	80 ± 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-2471 .....	15 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-2369 .....	100%
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 then 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**.

## 6. INSTALLATION CONTINUED

**Application:** Where full depth joint filling is not required an open-cell backer-rod can be placed ½" below floor surface. Where full depth is required, backer-rod can be installed and 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:** Working time for the product is approximately 10 minutes after mixing depending on material and ambient temperatures. Higher product and ambient temperatures will reduce working times. 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

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

## 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 about 70°F prior to use for best results.

**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.