

# SSP 100 *Rapid-Joint* Product Data Sheet

## Polyurea Joint Filler

### **Sales & Service:**

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### **PRODUCT DESCRIPTION:**

**SSP100 *Rapid-Joint*** is a 100% solids rapid setting semi-rigid joint filler.

### **Uses:**

SSP100 is used to fill interior control and construction joints and random cracks in new and old concrete floors.

### **INSTALLATION:**

**Preparation:** Concrete must have a minimum 28 day cure prior to application. Use a dry diamond saw to abrade both sides of the joint walls. Assure that the joint is properly abraded and cleaned to full depth. Cracks need to be open providing a straight edge to a minimum 3/4" depth.

**Application:** Warm the product as needed to proper working temperature, optimally approximating 75 degrees F. Thoroughly mix the "B" side before using. Use a 1:1 ratio pump to mix & dispense material. Fill the joint from the bottom of the joint up. Double pass is recommended. Make the application with slight over-pour. Trim the cured over-pour from joint using a sharp razor blade.

### **ADVANTAGES**

- 100% Solids - No VOC's , No Odors
- Meets FDA & USDA Requirements
- 100% Polyurea
- Rapid Application & Set Times
- Cold Applications to Below 0° F
- Not Sensitive to Moisture
- Non-Flammable
- Excellent Abrasion Resistance
- High Impact Resistance
- Chemical Resistant

### **COLOR & PACKAGING:**

**SSP-100** standard color is medium gray. Other colors are available on request. Packaged in 110 gallon units, 10 gallon units, 2 gallon kits, and 300 x 300 ml, side by side cartridges. 1

### **TECHNICAL DATA:**

Solids Content:	100%
Shelf Life:	1 year
Hardness: ASTM D2240	Shore A 80 +/- 2
Tensile: ASTM D412	1500 +/-200psi
Elongation: ASTM D412	300 +/- 50 %
Tear Strengths: ASTM D624	275 +/- 50 psi
VOC ASTM D-2369-81	<.75lbs./gal 90 gm/liter
Gel Time @75° F ASTM D2471	50 sec.
Tack Free Time	8-10 minutes
Light Traffic	60 minutes
Full Traffic	2 hours

### **COVERAGE TABLE:**

Theoretical Linear Feet Per Gallon				
Inches	1/2	3/4	1	1 1/2
1/8	308	205.3	154	102.7
1/4	154	102.7	77	51.3
1/2	77	51.3	38.5	25.7
1	38.5	25.7	19.3	12.8

### **SAFETY**

This product is for use by professional applicators only. Wear Protective Clothing. Read MSDS before using this product. DOT/Flash Point – Non-flammable Liquid. Classification: Not regulated.

### **LIMITATIONS**

SSP-100 may change color if subjected to certain types of light. However, per ASTM D 2244-07 many of the colors tested do not vary by more than 3 delta points per year.

### **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.