



# TECHNICAL DATA SHEET

# FLEXKRETE FLEX POLYUREA

# SEAL 100 JOINT FILLER

## PRODUCT DESCRIPTION

Polyurea Seal 100 is a 100% solids, high elongation elastomer, VOC free, pure polyurea polymeric sealant, used in horizontal saw or preformed joints. This product is used on concrete or asphalt, saw cut and pre-formed joints subject to high volume traffic

**STANDARD COLORS:** Milky White  
**OTHER COLORS ALSO AVAILABLE:** N/A  
**REVISION DATE:** September 14, 2022

## CURE SCHEDULE (75°)

**POT LIFE:** 2 min  
**TACK FREE (DRY TO TOUCH):** 16 sec  
**RECOAT OR TOPCOAT:** 35- 40 min  
**LIGHT FOOT TRAFFIC:** 35- 40 min  
**FULL CURE:** 3-4 days

## COVERAGE

Recommended for use on concrete and asphalt in high traffic areas, food processing, cold storage, chemical plants, parking structures, shipping and transportation, poultry and meat plants.

### COVERAGE PER GALLON:

Linear Feet Per Gallon: Theoretical					Linear Feet Per 600ML: Theoretical				
Inches	1/4	1/2	3/4	1	Inches	1/4	1/2	3/4	1
1/4	308	154	103	72	1/4	53	27	18	13
1/2	154	77	51	38	1/2	27	13	9	7
3/4	103	51	34	26	3/4	18	9	6	4
1	72	38	26	19	1	13	7	4	3

**MIX RATIO:** 1 Part A to 1 Part B

**RECOMMENDED FILM THICKNESS:** Up to 1 in

**PACKAGING INFORMATION:** 1 cartridge

## PHYSICAL PROPERTIES

**TEAR RESISTANCE:** 195 PLI (34KN/m)  
**SOLIDS BY VOLUME:** 100%  
**TENSILE STRENGTH:** ASTM D 412 1200 psi ± 50  
**SERVICE TEMPERATURE:** -60°F-180°F (-50°C-82°C)  
**VISCOSITY:** (cps) @ 77° F A: 530 approx. B: 450 approx.  
**ABRASION RESISTANCE:** H-22 Wheel—172 mg. Lost (1 kg @ 1000 revolutions)  
**ULTIMATE ELONGATION:** 930% ± 5%  
**HARDNESS:** (Shore D) 30 ± 5% (Shore A) 80 ± 5%  
**VOLATILE ORGANIC CONTENT:** 0 lbs/gal.  
**SHELF LIFE:** 60-90°F 6 Months

## CHEMICAL RESISTANCE

N/A

FLEXKRETE FLEX POLYUREA SEAL 100 JOINT FILLER



# TECHNICAL DATA SHEET

## FLEXKRETE FLEX POLYUREA SEAL 100 JOINT FILLER

### LIMITATIONS

- Must be stored at temperatures between 60° 70°F (21° C)
- Avoid moisture contamination in containers

### BENEFITS

- 100% solids
- Zero VOC's
- Highly elastomeric
- Meets USDA requirements for incidental food contact

### INSTRUCTIONS

- 1) Shake cartridge vigorously
- 2) Place cartridge in dual caulk gun
- 3) Squeeze trigger 4 times to ensure proper mixing and discard the material
- 4) Place in joint or crack

### NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY:

The Concrete Protector (Division of Incredible Products, LLC), warrants that all products are assembled under rigorous quality assurance specifications and that all information supplied is exact. All information supplied is not to be taken as a warranty, but for you to conduct your own test to determine if the given product is suitable for your distinct purpose. The following list of properties should not be interpreted as specifications. CONVEYED OR SUGGESTED, NO WARRANTY IS BUILT UPON ANY DISCOVERED RESULTS OR INFORMATION YOU WILL OBTAIN DURING USE. CONVEYED OR SUGGESTED NO WARRANTY IS BUILT THAT THE GIVEN PRODUCT SHALL BE MARKETABLE OR THAT THE GIVEN PRODUCT WILL BE FIT FOR ANY DISTINCT PURPOSE. NO WARRANTY IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. The Concrete Protector is NOT liable for, direct or indirect, inadvertent or consequential damages. The Concrete Protector's liability is and will only be limited to the net selling price of our products or, at our discretion, the replacement of our products. Upon delivery of our products, your acceptance means that you accept all terms of this warranty even if other documents and or purchase orders astray from the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM