FLEX SEAL UTILITY SEALANT®

Catch Basin grade adjustment rings and joint sealing system.

The Problem

Flex-Seal Utility Sealant® is a state of the art plural component aromatic urethane with an incredible 800% elongation and a tensile strength of 3200psi. Flex-Seal is designed to provide corrosion protection at the grade adjustment ring section or joint sections of a Catch Basin. **Flex-Seal Utility Sealant®** provides an excellent seal and it will pass a vacuum test according to ASTM standards. **Flex-Seal Utility Sealant®** is brush applied to create a custom fit seal that conforms to the shape of the structure.

The Solution

Sealing Systems, Inc.
9350 County Road 19 ♦ Loretto, MN 55357 ♦ 763-478-2057 ♦ 800-478-2054 ♦ Fax 763-478-8868 ♦ www.flexseal.com

FLEX-SEAL UTILITY SEALANT®

SEALING SYSTEMS, INC.

APPLICATION STANDARDS & TECHNICAL, DATA TEST RESULTS

Property	Measuring Condition	Flex-Seal Utility Sealant®	Primer
Weight	ASTM-E 201	9.5# per gal.	9.4# per gal.
Solid Content	By Volume	91%	92.2%
Hardness (Durometer)	ASTM-D 2240	75	85-90
Elongation (at break)	ASTM-D 412	800%	400%
Vacuum	ASTM-C 1244	2 min. @ 10 inches	
Tensile Strength	ASTM-D 412	1,150 p.s.i.	3200 p.s.i.
Adhesive Strength	ASTM –D 903	175 lb. 1/in.	400 lb. 1/in.
Water Adsorption	ASTM –D 570	.05% by weight	.03% by weight
Tear Resistance	ASTM-D 1004	155 lb. 1/in.	210 lb. 1/in.
Weatherability	ASTM-D 822 500 hrs	Slight color change	Loss of gloss
Temp. Cure Range	Fed Std 141 meth 6223	-65 to 250 F	-65 to 250 F

Calcium Chloride (Road Salt)	No Effect
1% Detergent Solution	No Effect
Chlorinated Pool Water	No Effect
Anti-Freeze	No Effect
Motor Oil	Stained
Hydraulic Brake Fluid	Slight Bleaching
Gasoline	Slight Swelling
Hydrogen Sulfide	No Effect
Sulfuric Acid (20%)	No Effect
Sodium Hydroxide (5%)	No Effect

Disclaimer: This technical data information and recommendations offered are based on test results, and findings we believe to be reliable and complete.

Flex-Seal Utility Sealant® is packaged in a kit weighing just 9-1/2 pounds. The recommended mil thickness is directly related to the expansion associated within the territories climate.

S.S.I.
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