

Urethane FLEX

Hydrophobic
Urethanes

DESCRIPTION

Urethane FLEX is a compound designed to repair leakage due to chinks, joints or cracks in concrete structures to form a flexible seal. When **Urethane FLEX** comes in contact with water, this pale yellow non-flammable uncured liquid expands and quickly cures to a tough flexible closed-cell polyurethane foam that is essentially unaffected by corrosive environments. **Urethane FLEX** will seal and cure depending on the amount **Urethane FLEX** used and the temperature conditions (consult reactivity data).

Hydrophilic
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Accessories

*Please read the **MSDS** literature, prior of usage of the product. Use this product only in well ventilated area. Eye and skin contact should be avoided.*

Urethane Grout
Technologies

PHYSICAL PROPERTIES

<i>Uncured</i>		
Urethane FLEX		
Solids	90-98%	ASTM D- 1259
Viscosity	1200 cps± 200 @ 68°F	ASTM D- 4889
Flash Point	>225 °F	ASTM D- 93
Specific Gravity	1.02 – 1.10	ASTM D-4659 Test B
Color	Pale- Yellow	
Urethane FLEXAcc		
Viscosity	35 cps @ 68° F	ASTM D- 4889
Flash Point	> 255 ° F	ASTM D- 93
Appearance	Clear Liquid	
<i>Cured</i>		
Tensile Strength	800 - 1200 Kpa	ASTM D- 3574 Test E
Density	1,074 Kg/m3 (8.96 lbs/gal)	ASTM D- 3574 Test A
Elongation	200 - 250%	ASTM D- 3574 Test E
Shrinkage	< 4%	
Toxicity	Non- Toxic	

Soil Stabilization

Waterproofing

E-Grout.com

STORAGE

Store in dry areas using original container. Keep away from water and humidity. Maintain spouts closed.

PROCURABLE

Urethane FLEX comes in a 5 gallon container.

Urethane FLEXAcc comes in a 25 oz container.

Urethane grouts are packaged under dry nitrogen to keep moisture out, for extended shelf life.

Reactivity Data

Urethane FLEX

Temperature	% FLEXacc	Cream Time	Gel Time
50° F	1		7'50"
	3		3'50"
	5		2'35"
68° F	1	1'30"	6'00"
	3	0'55"	3'00"
	5	0'40"	2'00"
86° F	1		5'50"
	3		2'30"
	5		1'51"

PRODUCT WARRANTY

The recommendations and suggestions given in this report are made without any representation or warranty, as they are represented for your own investigation and verification. Products discussed are sold without warranty, expressed or implied, in law or fact and upon the condition that purchasers make their own tests to determine the suitability of such products for their particular purposes. Manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Manufacturers will not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Users should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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