

HyperFlex

Stops Water Infiltration, With a Closed Cell Hydrophobic Grout that Does Not Shrink.

- Pre-catalyzed and no mixing required
- Foams when it contacts water
- Flexible and Non-shrinking

HyperFlex is supplied ready to use in 300 ml tubes - there's no component mixing and absolutely no guesswork. Just a simple and effective pre-catalyzed grout.

Compared to the more aggressive SealGuard II product, HyperFlex is better suited to more widespread lower flow rate infiltration. The product has been successfully field tested on cracked or honeycombed concrete, voids between walls and the floor or ceiling, expansion joints, cold joints, pipe intrusions and any other void which needs to be filled. HyperFlex reacts slower by design to migrate further.

This total effectiveness, and flexibility with such a range of materials, means HyperFlex is excellent for repairs in tunnels, manholes, concrete dams, car park decks, bunds, culverts or anywhere else.

HyperFlex is certified to NSF 61-2007 for contact with potable water.



Before HyperFlex



After HyperFlex



Model #	Description	Case Pack
SG-HF6	HyperFlex (300 ml cartridges) 6	6 Pack
SG-HF12	HyperFlex (300 ml cartridges) 12	12 Pack



Certified to
NSF/ANSI 61



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HyperFlex Product Specification

HyperFlex is a hydrophobic polyurethane grout designed to stop water infiltration.

Applications

- Stops leaks in cracks, honey combed concrete, expansion and cold joints and slow brick structures.
- Pre-catalyzed and ready to use - no catalyst guess work.

Advantages

- Creates tenacious bond to any surface wet or dry
- Closed cell grout will not allow water to pass through
- Expansion fills voids 20:1 expansion ratio
- Flexibility accommodates movement while maintaining seal
- Extremely simple to apply
- Resealable/re-usable
- Non-hazardous - No VOC's, CFC's or HFC's

Uncured Physical Properties		
-20KF (shrinkage)	0% 1 day	ASTM D-2126
Viscosity @ 68K F	375 cps	
Specific Gravity @ 60K F	1.18	
% Solids	100%	
Color	Amber	
Solvents	None	

Cured Material Properties			
	Free Rise	Confined	
Density	03 PCF	50 PCF	
Compressive	125 psi	3,500 psi	ASTM D-1622
Tensile	75 psi	3,600 psi	ASTM D-1621
Shear	50 psi	1,760 psi	ASTM D-638
Elongation	40%	9%	ASTM D-3574

Ease of Use:

1. Inspect and remove all debris.
2. Drill 3/8" hole to intersect crack/joint
3. Insert tip into hole
4. Pump in HyperFlex

Storage

- Maintain seal until ready for application
- Product is moisture sensitive
- Store under 80°F

Approvals

- NSF 61-2007 certified

Packaging

- 300 ml cartridges

Transport

- U.S. D.O.T. Unregulated Class 55

Shelf Life

- 2 Year in unopened containers

Take a look at what those little leaks really cost!

Annual Cost Per Thousand Gallons To Treat Wastewater						
	\$2.00	\$2.25	\$2.50	\$2.75	\$3.00	
Size of Leak (gallons per minute)	1	1,051	1,182	1,314	1,445	1,576
	2	2,102	2,365	2,628	2,890	3,153
	3	3,153	3,547	3,942	4,336	4,730
	4	4,204	4,730	5,256	5,781	6,307
	5	5,256	5,913	6,570	7,227	7,884
	10	10,512	11,820	13,140	14,454	15,768
	15	15,768	17,739	19,710	21,681	23,652
	20	21,024	23,652	26,280	28,908	31,536
	30	31,536	35,478	39,420	43,362	47,304
	40	42,048	47,304	52,560	57,816	63,072
50	52,560	59,130	65,700	72,270	78,840	



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