

# SealGuard II

## Leak Sealing System for Brick and Cement Structures

SealGuard II stops leaks at a fraction of the cost of traditional methods - quickly, easily, and permanently.

Presented with high flow leakage through virtually any substrate, SealGuard II is injected directly into the flowing water, and reacts in under 3 seconds - infiltration is instantly stopped in its tracks and the void is rapidly filled, without any absorption of water.

Ideal for manholes, meter pits, culverts, bunds or any concrete structure or brick that needs to be dry; either for its own purpose, or prior to a long term repair.

The cured polyurethane product performs well with all but the most severe solvent or chemical attacks, such as from highly concentrated nitric or sulphuric acid. Furthermore, in comparison to the cement alternatives often used, SealGuard II holds a range of advantages:

- Simple, small and patented application equipment
- Will cure through flow rates in excess of 50 GPM!
- Injection into the finest of fractures, rather than just covering them up
- Will reconstitute, even in flowing water, unlike other materials which can be susceptible to washout
- 13,700 psi compressive strength
- 90% cure within minutes, meaning work can continue almost immediately
- Premier static mixer insures no premature mixing



Groundwater Infiltration



Repaired in Minutes!

Model #	Description	Case Pack
SG-6KITST	SealGuard II Starter Kit	6 pack
SG-RE6	SealGuard II Reorder Kit (6)	6 pack
SG-RE12	SealGuard II Reorder Kit (12)	12 pack
SG-CGUNPN	Pneumatic Dual Component Gun	1 each
SG-CGUND	Dual Component Gun	1 each
SG-MXP6	Premier Static Mixers	6 pack
SG-MXP12	Premier Static Mixers	12 pack
SG-CGL12	Chemical Gloves	12 pair
SG-CSG1	Chemical Safety Goggles	1 Each



SealGuard II Starter Kit



Your 1 Source For Infrastructure  
& Water Management Solutions

Phone: 810-412-4740 • [www.S1Eonline.com](http://www.S1Eonline.com)



# SealGuard II Product Specification

Dual component, low density, highly reactive, early strength, water control grout.

## Applications

For water control and I & I in manholes, vaults and other concrete, brick or stone structures above or below grades. SealGuard II will control leaks up to 3 liters per minute Plus! Creates a mushroom like seal to permanently stop leaks.

## Advantages

- Extremely fast reacting and rapid sealing.
- High early strength.
- Will inject into the finest of fractures and directly into flowing water.
- Will not wash out.
- Resealable/reusable, use only what is needed.
- Nonhazardous, no VOCs, CFC's or HFC's.

## Ease of Use:

1. Inspect and remove all debris
2. Drill 5/8" hole directly into the leak
3. Insert static mixer
4. Attach static mixer to Sealguard II cartridge
5. Load into Dual Component Gun and pump

## Storage

- Do not crush containers. Avoid contact with moisture. Store under 80° F

## Packaging

- 600 ml dual cartridge

## Transport

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

## Shelf Life

- 2 Year minimum in unopened containers

Uncured Physical Properties		
-20KF (shrinkage)	0% 1 day	ASTM D-2126
Viscosity @ 68K F	200 cps A - Side	300 cps B - Side
Specific Gravity @ 60K F	1.23 A - Side	1.04 B - Side
% Solids	100%	
Color	Amber	
Solvents	None	

Cured Material Properties		
Density (Free Rise)	08 PCF	ASTM D-1622
Compressive	900 psi	ASTM D-1621
Tensile	200 pso	ASTM D-638
Shear	190 psi	ASTM D-732

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	

*A 5 gallon per minute leak can cost over \$5,000 per year in treatment costs!*



Your 1 Source For Infrastructure & Water Management Solutions

Phone: 810-412-4740 • www.S1Eonline.com