

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.



Part Number	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 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

BENEFITS

- Simple, small and patented application equipment
- Cures through flow rates in excess of 50 GPM
- Injects into the finest fractures
- Will reconstitute, even in flowing water
- 900 psi compressive strength
- 90% cure within minutes
- Premier static mixer



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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 structure above or below grades. SealGuard II will control leaks up to 50 gallons per minute. Creates a mushroom-like seal to permanently stop leaks.

Advantages

- Extremely fast reacting and rapid sealing
- High early strength
- Injects into the finest fractures and directly into flowing water
- Will not wash out
- Resealable/reusable
- Nonhazardous, no VOCs, CFCs and HFCs

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

Two year minimum in opened 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 psi	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 Leaks (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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