



Your 1 Source For Infrastructure & Water Management Solutions

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!

SealGuard II Product Line

| 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 Caulk Gun | 1 each |
| SG-CGunD | Dual Component Caulk 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



phone: 810-412-4740 • 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.

| 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 |

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 degrees F.

Packaging

600 ml dual cartridge.

Transport

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

Shelf Life

- 2 Year minimum 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. |

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



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