


# SealGuard II

# DUAL COMPONENT
## POLYURETHANE GROUT




### RAPID REACTION TIME

SealGuard II is a dual-component hydrophobic polyurethane that reacts within 1 to 3 seconds, effectively stopping high-flow leaks exceeding 50 gallons per minute.

### DURABLE AND NON-SHRINKING

Being hydrophobic, SealGuard grouts do not absorb water or shrink after curing, ensuring long-lasting seals in various structures, including manholes, vaults, and tunnels.

### VERSATILE APPLICATION

Suitable for both high-flow and low-flow leaks, SealGuard products can be injected into fine fractures and perform well even in the presence of flowing water, making them ideal for diverse infrastructure repairs.

**FAST REACTING**
**1 to 3 second** reaction time

**STOPS**
Up to **50 gallons per minute**

**NON-SHRINKING**
Controls **high-flow water** and prevents I&I

| Part Number | Description |
|---|---|
| SG-6KITST | SealGuard II Starter Kit (6pk) with Dual Component Caulk Gun |
| SG-CGUND | Premium Dual Component Caulk Gun |
| SG-CGUNPN | Pneumatic Dual Component Caulk Gun |
| SG-MXP6 | SealGuard II Static Mixers (6 pk) |
| SG-MXP12 | SealGuard II Static Mixers (12 pk) |
| SG-RE6 | SealGuard II Reorder Kit (6 pk) with mixing tips |
| SG-RE12 | SealGuard II Reorder Kit (12 pk) with mixing tips |

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# SEALGUARD II PRODUCT SPECIFICATION

## APPLICATIONS

SealGuard II effectively controls water infiltration in manholes, vaults, and concrete, brick, or stone structures above or below grade. **It stops leaks up to 50 gallons per minute**, forming a durable, mushroom-like seal for lasting protection.

## 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

## 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 80ºF

## SHELF LIFE

Two year minimum in opened containers

## TRANSPORT

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

## PACKAGING

600 ml dual cartridge

### 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 |

### Annual Cost Per Thousand Gallons To Treat Wastewater

| Size of Leaks (gallons per minute) | $2.00 | $2.25 | $2.50 | $2.75 | $3.00 |
|---|---|---|---|---|---|
| 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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