

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



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 80°F

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

-20K F (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

	\$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
	2	2,102	2,365	2,628	3,153
	3	3,153	3,547	3,942	4,730
	4	4,204	4,730	5,256	6,307
	5	5,256	5,913	6,570	7,884
	10	10,512	11,820	13,140	15,768
	15	15,768	17,739	19,710	23,652
	20	21,024	23,652	26,280	31,536
	30	31,536	35,478	39,420	47,304
	40	42,048	47,304	52,560	63,072
	50	52,560	59,130	65,700	78,840