

ConSeal™ CS-231

Controlled Expansion Waterstop Sealant



Controlled Expansion Hydrophilic Waterstop for Poured-in-Place and Precast Concrete

Applications

For concrete joints in: Manholes, Box Culverts, Double Pours, Containment Structures, Concrete Slabs, Bridge & Deck Abutments, Large Septic Tanks, Wall or Floor Penetrations, Tunnels, Cold Joints, Retaining Walls, Controlled Environment & Utility Vaults, Water & Wastewater Treatment Facilities. **Not intended for use in expansion joints or joints that move.**

NSF Certified Standard 61, Safe for Drinking Water Applications

Adhesive Sealing Gasket

ConSeal CS-231 Waterstop is a rubber-based product that has been formulated with hydrophilic compounds that allow it to expand in a controlled fashion when exposed to moisture, thereby sealing off leaks and restoring long-term, watertight joint integrity. Traditional, clay-based waterstop products, on the other hand, expand uncontrollably and eventually deteriorate, causing a complete loss of joint integrity.

Hydration-Dehydration Cycle Testing

The test evaluates the integrity of CS-231 Waterstop when exposed to cycles of hydration and dehydration. A cycle consists of nine days full immersion in water followed by five days air-drying. ConSeal CS-231 showed no visible signs of deterioration at the conclusion of 10 cycles of exposure.

Physical Properties

Description

	Spec	CS-231
Color:		Black
Specific Gravity:	ASTM D71	1.35 ± 5
Hydrocarbon Content:	ASTM D4	47% min.
Volatile Matter:	ASTM D6	1% max.
Penetration, cone 77°F, 150 gm. 5 sec.:	ASTM D217	40 ± 5
Application Temperature Range:		-10°F to 125°F (-22°C to 52°C)
Service Temperature Range:		-30°F to 180°F (-34°C to 82°C)
Recycled Content, % by weight:		
Post Consumer:		2%
Post Industrial:		4%

Limited Warranty

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Don't Just Seal It, ConSeal It!

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