

**CONSEAL™**
Concrete Sealants INC.**CS-231**

Controlled Expansion Waterstop Sealant

APPLICATIONS

For self-sealing 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

A HIGHLY-ADHESIVE SEALING GASKET

ConSeal CS-231 Waterstop is a remarkable, rubber-based product that has been formulated with special, 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 after completion of 10 cycles of exposure.



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PHYSICAL PROPERTIES

Color Black

	Spec	CS-231
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)

**NSF Certified Standard 61
Safe For Drinking Applications**

LIMITED WARRANTY

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