

Waterstop Sealant for use on Poured-In-Place Structures



Certified to NSF/ANSI/CAN 61



APPLICATIONS

For concrete joints in: Building Foundations, Slabs, Retaining Walls, Storage Tanks, and similar Non-Moving, Cold, Construction Joints. **Not intended for use in expansion joints or joints that move.**

NSF/ANSI/CAN 61 CERTIFIED FOR USE IN DRINKING WATER STRUCTURES

APPLICATION NOTES

- Always use an appropriate ConSeal Primer Product to avoid displacement of CS-235 during the concrete pouring. It may be necessary to utilize CS-1550, masonry nails, or other mechanical means to hold the sealant in place on vertical surfaces.
- Place CS-235 Waterstop so that it is no closer than 2" away from the outer surface of poured structure. If a keyway is utilized, place the CS-235 into the bottom of the formed keyway area.

PHYSICAL PROPERTIES

Description	Spec	CS-235
Color:		Black
Specific Gravity:	ASTM D71	1.40 ± 5
Hydrocarbon Content:	ASTM D4	47% min.
Volatile Matter:	ASTM D6	1% max.
Penetration, cone 77°F, 150 gm. 5 sec.:	ASTM D217	43 - 46 dmm
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)

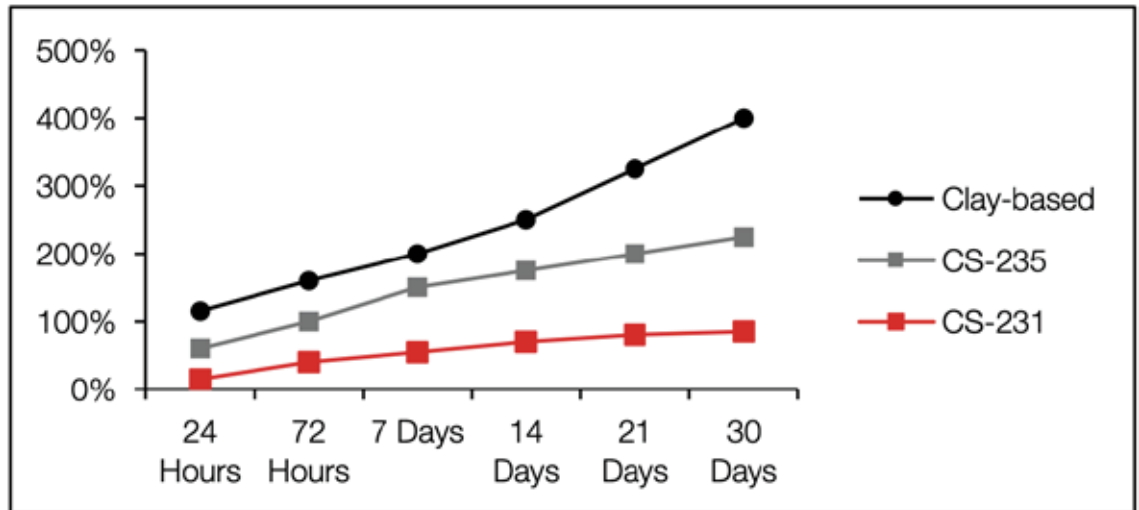
PERFORMANCE CHARACTERISTICS

Description	CS-235
Maximum Swelling – Freshwater:	250%
Maximum Swelling – Saltwater (3%):	35%
Hydrostatic Pressure Resistance	
Standard Precast Concrete Joint:	30 psi (2 bars)
Cast-In-Place Construction Joint:	100 psi (6.8 bars)

IMMERSION TESTING

Freshwater Exposure Results:

- 24 Hours: 60% Expansion
- 72 Hours: 100% Expansion
- 7 Days: 150% Expansion
- 14 Days: 175% Expansion
- 21 Days: 200% Expansion
- 30 Days: 225% Expansion



LIMITED WARRANTY

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