

ConSeal™ CS-1800

Solvent Free, Waterproofing Membrane



Solvent Free Waterproofing Membrane for Most Construction Materials

Applications

ConSeal CS-1800 Waterproofing Membrane is a cold-applied single component, waterproofing compound that cures by exposure to atmospheric and substrate moisture to form a continuous, tough, reinforced elastic waterproof seal. In above grade applications, use CS-1800 to seal manhole riser systems, vertical panel structures, and a variety of concrete structures.

In below grade applications, CS-1800 is ideal as a positive-side waterproofing for sealing foundations, waterproofing box culvert, septic tanks and other underground construction. ConSeal CS-1800 is solvent free and compliant with all known environmental and OSHA requirements. It can be used in confined spaces without respiratory protection. CS-1800 forms an elastomeric rubber that is resistant to thermal shock. It will not crack in extreme cold or slump due to softening at high temperatures like conventional asphalt or coal tar based coating often will.

Green Standards

NAHB Model Green Home Building Guidelines:
5 Global Impact Points
VOC Content: less than 26 grams/liter ASTM D2369
EPA Method 24 (tested at 240°F & includes water)

Advantages

Bonds to asphalt and concrete
Solvent free, 100% solids, will not shrink
10 minute skin over, no dirt pick up
Superior adhesion to most construction materials

Storage

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat, and direct sunlight. Elevated temperatures will reduce shelf life.

Regulatory Compliance

Conforms to OTC Rule for Sealants & Caulks
Meets requirements for California Regulations:
CARB, BAAQMD, and SCAQMD
Conforms to California Proposition 65
Conforms to USDA Requirements for Non-Food Contact

Packaging

2 gallon pails – 60 pails per pallet

Shelf Life

Pails have a shelf life of 9 months when stored properly
See Application Guide and MSDS for proper storage procedures.

Don't Just Seal It, ConSeal It!

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Physical Properties

Property	Typical Value	Test Method
Solids Content By Weight	100%	ASTM D-1644
Solids Content By Volume	100%	ASTM D-2697
Tensile Strength	95 psi	ASTM D-2370
Elongation	350%	ASTM D-2370
Tack Free Time	100 minutes	ASTM C-679
Water Vapor Transmission	0.06 perm inches	ASTM E-96
Shore OO Hardness	60-64	ASTM D-2240
Shore A Hardness	10 +/- 3	ASTM C-661
Low Temperature Flex	Pass ¼ inch mandrel 20°F (-29°C)	ASTM D-816
Shrinkage	No measurable shrinkage after 14 days	
Service Temperature	-40°F to 200°F (-40°C to 94°C) continuous service	

Limited Warranty

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