



CONSEAL™
CONCRETE SEALANTS INC.

ConSeal™ CS-1550

Instant Grab Adhesive-Sealant

Don't Just Seal It, ConSeal It!

Strong Green Strength, Instant Grab Adhesive-Sealant for Concrete

Applications

Designed as a single component, gun-grade, non-sagging, moisture-activated mounting adhesive-sealant which forms a quick tack bond with strong green strength and instantly provides bonding without need for additional support. CS-1550 can be used for new construction and repair applications, such as: adhesive for preformed sealants, joining concrete risers and blocks, and more!



Performance Properties

Features

- Finish: White, Mildew Resistant, Elastomer
- Solvent & Isocyanate Free, 100% Solids, Will Not Shrink
- California Proposition 65 compliant
- Tack free skin forms in 40 minutes (77°F at 50% Relative Humidity)
- Full cure takes place in 24 to 48 hours for 1/4" beads and smaller.
- Excellent weatherability when exposed to: Ultraviolet Radiation, Rain, Infrared Radiation, and Atmospheric Hydrocarbons.
- CS-1550 can be painted with emulsion or synthetic enamel paints.
- Resilient elastomer that adheres to most construction materials, including: Concrete, Metal, Fiberglass, Plastic, PVC, Glass, Aluminum and Wood.

Physical Properties

Property	CS-1550 Value	Test Method
Cure System	Hybrid, Moisture Cure	
VOC Content	75.5 grams/liter	
Cure Rate (77°F at 50% Relative Humidity)	1/8" every 24 hours	
Gun Grade	Zero Slump	ASTM C639

Performance Characteristics

Property	CS-1550 Value	Test Method
Tensile Strength	469 psi	ASTM D412
Elongation	162%	ASTM D412
Shore A, Hardness	43	ASTM D661
UV Stability, Accelerated Weathering	UV-A, No Change (2,000 hours)	QUV Weatherometer
Shrinkage	No measurable shrinkage after 14 days	
Service Temperature	-40°F to 220°F (-40°C to 104°C), continuous service	
Application Ambient Temperature	40°F to 130°F (4°C to 55°C)	
Application Surface Temperature	40°F to 130°F (4°C to 55°C)	

Directions for Use

Surface Preparation: The concrete must be clean and free from dust, dirt, grease and debris before application of CS-1550. Inspect surface for soundness. When surface is clean, sound and dry proceed with using the CS-1550.

Note: Make sure the surface is free from frost prior to application.

DO NOT USE petroleum solvents such as Mineral Spirits or Xylene for surface preparation.

Priming: For applications with continuous water immersion ConSeal recommends using a surface primer. ConSeal CS-80 is specifically designed for ConSeal's elastomeric sealants.

Application Instructions: Maintain CS-1550 at room temperature before applying to ensure easy application. CS-1550 may be factory or field applied to seal various construction components. Work CS-1550 into rough surfaces to optimize surface contact.

Sealant Adhesive Instructions: For any sizes of ConSeal preformed joint sealants, place a 3/8" diameter bead to concrete surface to which the sealant will be applied. After applying the CS-1550, immediately press the preformed sealant into CS-1550 to adhere the preformed sealant to the concrete joint surface.

Packaging and Storage: Available in 9.5-fl. oz. cartridges (280mL) and 20.2-fl. oz sausages (600mL).

12-month shelf life from manufacture date when stored in a cool, dry area. Elevated temperatures >100° F may reduce shelf life.

Coverage and Full Cure Rates: 9.5-ounce cartridges: 3/8" diameter bead covers 12 linear feet.

Full cure for 1/4" bead is 48 hours (77°F at 50% Relative Humidity).

Limited Warranty

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CONCRETE SEALANTS INC. ■ 9325 State Route 201 ■ Tipp City, OH 45371, USA ■ www.CONSEAL.com
Toll Free (USA): 800.332.7325 ■ Phone: +1.937.845.8776 ■ Fax: +1.937.845.3587



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