

Rapid Cure Elastomeric ASTM C920 Sealant

APPLICATIONS

Designed for use on original construction and repairs that are subject to structural movement: expansion and control joints, perimeter caulk joints, entry way steps, precast concrete panel joints, copings, rises and tilt-wall joints, bunker silos, septic tanks and manure pits.



PERFORMANCE PROPERTIES

Features

- Finish: Gray, Mildew Resistant, Elastomeric Rubber
- Solvent & Isocyanate Free, 100% Solids, Will Not Shrink
- California Proposition 65 compliant
- Meets ASTM C920, Type S, Grade NS, Class 50, Uses NT, M, G, A, and O.
- 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-1500 can be painted with emulsion or synthetic enamel paints.
- Flexible resilient rubber that adheres to most construction materials including: Concrete, Metal, Fiberglass, Plastic, PVC, Glass, Aluminum Service Temperature and Wood.

PHYSICAL PROPERTIES

Property	CS-1500 Value	Test Method
Cure System	Hybrid, Moisture Cure	
VOC Content	17.4 grams/liter	
Cure Rate	1/8" every 24 hours	
(77°F at 50% Relative Humidity)		
Gun Grade	Zero Slump	ASTM C639

PERFORMANCE CHARACTERISTICS

Property	CS-1500 Value	Test Method
Movement Capability	±50%	ASTM C719
Tensile Strength	260 psi	ASTM D412
Shear Strength	215 psi	ASTM D1002
Elongation	695%	ASTM D412
Adhesion to Concrete	23 pli, cohesive failure	ASTM D794
Shore A, Hardness	32	ASTM D661
UV Stability,	UV-A, No Change	QUV
Accelerated Weathering	(2,000 hours)	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)	

DO NOT USE PETROLEUM SOLVENTS SUCH AS MINERAL SPIRITS OR XYLENE FOR SURFACE PREPARATION.

DIRECTIONS FOR USE

Surface Preparation: The concrete must be clean and free from dust, dirt, grease and debris before application of CS-1500. Inspect surface for soundness. When surface is clean, sound and dry proceed with using the CS-1500.

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

Priming: For applications with continuous water immersion ConSeal recommends using a surface primer. ConSeal CS-80 and CS-85 are specifically designed for ConSeal's elastomeric sealants.

Application Instructions: Maintain CS-1500 at room temperature before applying to ensure easy application. CS-1500 may be factory or field applied to seal various construction components. Work CS-1500 into rough surfaces to optimize surface contact. CS-1500 is not to be installed in ratios where joint depth is greater than half of the width. CS-1500 is not designed to bridge gaps larger than 1" or penetrate into joint depth further than 1/2". The use of a backer rod may be necessary in some applications. If using to fill cracks, avoid air entrapment by filling void with continuous bead of CS-1500.

Packaging and Storage: Available in 10.1-fl. oz. cartridges (298 mL), 20.2-fl. oz. sausages (600mL), 28.5-fl. oz. cartridges (842mL) and 5-gallon pails. 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: 10.1-ounce cartridges: 1/2" diameter bead covers 7.5 linear feet. Full cure for 1/4" bead is 48 hours (77°F at 50% Relative Humidity).

LIMITED WARRANTY

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the users' responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.

© 2022 CONCRETE SEALANTS, INC.

CONCRETE SEALANTS, INC. | 9325 STATE ROUTE 201, TIPP CITY, OH 45371, USA | WWW.CONSEAL.COM

USA | CANADA +1.800.332.7325 INTERNATIONAL +1.937.845.8776

VERSION: 16-MAR-2023



CONCRETE SEALANTS, INC.
ISO 9001:2015 REGISTERED