

Moisture-Cure, Self-Leveling Elastomeric Sealant

APPLICATIONS

Designed for use on original construction and repairs for horizontal expansion joints in concrete and cementitious slabs that are subject to structural movement, including: driveways, garages, sidewalks, and factories.



PERFORMANCE PROPERTIES

Features

- Finish: Light Gray, Mildew Resistant, Elastomeric Rubber.
- Solvent & Isocyanate Free. 100% Solids, Will Not Shrink.
- High solids, tack-free surface in minutes.
- California Proposition 65 compliant.
- Meets ASTM C920, Type S, Grade P, Class 50, Uses T₁, M, A, G, O.
- Tack free skin forms in 1 hour (77°F at 50% Relative Humidity).
- Full cure takes place in 24-48 hours for ¼" beads and smaller.
- Excellent weatherability when exposed to: UV radiation, rain, Infrared Radiation and Atmospheric Hydrocarbons.
- CS-1500SL can be painted with emulsion or synthetic enamel paints.
- Flexible resilient rubber that adheres to most construction materials including: Concrete, Metal, Fiberglass, Glass, Aluminum and many Plastics, including PVC.
- Moisture-cure, hybrid polymer.

PHYSICAL PROPERTIES

Property	CS-1500SL Value
Cure System	Hybrid, Moisture Cure
Cure Rate (77°F at 50% Relative Humidity)	1/8" every 24 hours

PERFORMANCE CHARACTERISTICS

Property	CS-1500SL Value	Test Method
Movement Capability	±50%	ASTM C719
Tensile Strength	143 psi	ASTM D412
Shear Strength	194 psi	ASTM D1002
Elongation	176%	ASTM D412
Adhesion to Concrete	28 pli, cohesive failure	ASTM D794
Shore A, Hardness	24	ASTM D661
UV Stability, Accelerated Weathering	No Change (2,000 hours)	UV-A bulb Weatherometer
Shrinkage	No measurable shrinkage after 14 days	
VOC (g/L)	26.1 g/L	
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-1500SL. Inspect surface for soundness. When surface is clean, sound and dry proceed with using the CS-1500SL.

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

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

Application Instructions: Maintain CS-1500SL at room temperature before applying to ensure easy application. CS-1500SL may be factory or field applied to seal various construction components. Work CS-1500SL into rough surfaces to optimize surface contact. CS-1500SL is not to be installed in ratios where joint depth is greater than half of the width. CS-1500SL 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-1500SL.

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

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