

CSL 335A High Performance Silicone Building Sealant

FEATURES

- Neutral cure formulation
- Excellent adhesion to glass, aluminum, porcelain, ceramic, wood, stainless steel, most plastics and many other substrates including concrete
- Registered under the components program of UL
- Meets ASTM C510 non-staining and color change standards

PRODUCT DESCRIPTION

CSL-335A is a one-part moisture cure, neutral RTV (room temperature vulcanizing) silicone sealant. The product is designed for applications requiring high tensile strength and good flexibility. It cures to a strong seal that maintains long term durability and flexibility.

CSL-335A is an excellent sealant for many construction and industrial applications where a long term, permanently flexible seal is required. Such applications include:

- Interior and exterior glass partitions
- Skylights and curtain walls
- High performance sealing for buildings
- Appliance, aircraft and marine manufacturing

INSTALLATION

CSL 335A is ready to use and requires no mixing or additives. Curing begins as soon as the sealant is exposed to air.

At conditions of 25°C (77°F) and 50% relative humidity, a bead of sealant 3mm (1/8") will skin over in 10 minutes and fully cure in 24 hours, attaining full physical properties in 7 days. Skin-over and cure-time will vary with humidity. Cure time will also vary with the degree of confinement.

Tooling, if necessary, should be done before skin-over takes place. To attain proper adhesion, substrates must be clean and dry before sealant is applied. In case of doubt, it is recommended to clean the surface with acetone or an equivalent solvent. All plastic surfaces may be cleaned with isopropanol.

Priming is normally not required for applications to non-porous surfaces. Unprimed adhesion can easily be tested by applying a small trial bead and allowing 7 days for maximum adhesion to occur. If a primer is necessary, consult CSL-944 Product Data Sheet or consult CSL for advice.

COLORS

CSL-335A is available in Clear, White, Grey and Black as standard colors. Special colors are available on request.

PACKAGING

CSL 335A is available in 300 ml (10.2 fl. oz.) caulking cartridges packaged in cartons of 20 cartridges, 2.5 US gallon cans, 5 US gallon pails and 200 Litre drums.

STORAGE

CSL-335A when stored in original unopened container at or below 32°C (90°F) has a shelf life of 12 months from date of shipment.

SAFETY PRECAUTIONS

CSL-335A uses a neutral cure system, so no acetic acid or objectionable by-products are evolved during cure. On direct contact, uncured sealant may irritate eyes. Flush well with water and call a physician. Avoid prolonged contact with skin. See Material Safety Data Sheet available on this product. KEEP OUT OF REACH OF CHILDREN.



WARRANTY

CSL Silicones Inc. warrants that its products will meet its specifications. CSL shall in no event be liable for incidental or consequential damages. Except as expressly stipulated, CSL's liability, expressed or implied, is limited to the stated selling price of any defective goods.

Data is subject to change without notice and it is therefore recommended that this information not be used for specification writing. For additional information on specific applications, contact the manufacturer.

Typical Properties

These values are not intended for use in preparing specifications

UNCURED

Type	One-part RTV
Appearance	Smooth, non-slump paste
Specific Gravity	1.04
Slump/Sag	Nil
Extrusion Rate (3.2mm (1/8") orifice, 90psi)	100 g/min.
Application Temperature Range	-18°C to 60°C (0°F to 140°F)
Cure System	Neutral, Moisture Cure
Skin-over Time at Standard Conditions*	10 min.
Cure Time at Standard Conditions*	24 hr.

CURED AT STANDARD CONDITIONS* FOR 7 DAYS

Durometer Hardness (ASTM D2240, Shore A)	25 points
Tensile Strength (ASTM D412)	14.1 kg/cm ² (200 psi)
Tear Resistance (ASTM D624, Die B)	3.5 kN/m (20 ppi)
Useable Temperature Range	-40°C to 180°C (-40°F to 356°F)
Shrink Factor	Nil
Elongation at Break (ASTM D412)	400%

*Standard Conditions are 25°C (77°F) and 50% relative humidity

ISO 9001:2008 Registered

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