

Quad-Cure® LC8

TECHNICAL DATA

TYPICAL PERFORMANCE CHARACTERISTICS*

CHARACTERISTICS	TEST METHOD	PERFORMANCE
Appearance, color	—	Clear/Amber Liquid
Viscosity @ 77°F 25°C	ASTM D445-83**	80-120 mPa•s
Mix Viscosity @ 86°F 30°C	ASTM D445-83**	850 mPa•s
Specific Gravity @ 77°F 25°C	ASTM D1475-85	7.98 lb/gal 0.95 kg/L

* The values stated in inch-pound units are to be regarded as the standard.
The values given in international system are for information only.

** Brookfield, RVTD, Spindle 4

COMPOSITE MECHANICAL DATA

CHARACTERISTICS†	TEST METHOD	PERFORMANCE
Flexural Strength	ASTM D790	22,586 psi 155 MPa
Flexural Modulus	ASTM D790	827 ksi 5,700 MPa
Tensile Strength	ASTM D638	17,093 psi 117 MPa
Tensile Elongation at Break	ASTM D638	17.9 %

NEAT RESIN MECHANICAL PERFORMANCE

CHARACTERISTICS†	TEST METHOD	PERFORMANCE
Flexural Strength	ASTM D790	12,700 psi 87.5 MPa
Flexural Modulus	ASTM D790	330 ksi 2,275 MPa
Tensile Strength	ASTM D638	7,400 psi 51 MPa
Tensile Modulus	ASTM D638	260 ksi 1,790 MPa
Tensile Elongation at Break	ASTM D638	6%
Compressive Strength	ASTM D695	6,080 psi 40 MPa
Compressive Modulus	ASTM D695	140 ksi 965 MPa

Always use safety glasses and protective clothing including gloves when using this product. Quad-Cure LC8 contains amines. Do not ingest. If Quad-Cure LC8 comes in contact with eyes, flush immediately with water. Always read the container label warning and Safety Data Sheet prior to use.

Extended Cure CIPP Resin

DESCRIPTION

Quad-Cure LC8 is formulated to provide extended pot life and working time in the field to assure quality installation of CIPP Liners. Quad-Cure LC8 technology allows for a longer working time without sacrificing fast cure times. Quad-Cure LC8 has been developed and formulated to meet the demands of difficult lining projects. It can also be refrigerated at 32°F | 0°C and transported to the jobsite for large diameter CIPP applications.

MIXING

Pour Part B in to Part A at the ratio. Use a drill with a mixing blade, for a minimum of 3 minutes. Mixture must be consistent in color to assure a full mix.

QUAD-CURE LC8

- **Mix Ratio: 2:1 (2 parts LC8 base to 1 part LC8 Hardener)**
- **Potlife: 8 hrs.**
- **Refrigeration: 3 days — 32°F | 0°C**
- **Hot Water or Steam Cure:**
 - 2 hrs. - 160°F | 71°C and above
 - 4 hrs. - 140°F | 60°C
 - 6 hrs. - 120°F | 49°C

Quad-Cure LC8 resin system is not designed for ambient cure. Heat assisted cure is required.

The use of VeriCure® is required during installation to qualify for warranty.