

Quad-Cure® QX3120/QX3145

QX3120 HARDENER

Typical Performance Characteristics*

Gel Time:	20 min.
Work Time:	35 min.
Full Cure (ambient):	1.5 hours
Force Cure at 150°F 65.5°C:	Not Recommended

CHARACTERISTICS	TEST METHOD	PERFORMANCE
Compressive Strength	ASTM D695	8,784 psi 60.56 MPa
Tensile Strength	ASTM D638	4,655 psi 32.1 MPa
Tensile Elongation	ASTM D38	4.8%
Flexural Strength	ASTM D790	9,559 psi 65.9 MPa
Flexural Modulus	ASTM D790	373.5 ksi 2,575 MPa

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

QX3145 HARDENER

Typical Performance Characteristics

Gel time:	45 min.
Work time:	1 hour
Full cure (ambient):	4 hours
Force Cure at 150°F 65.5°C:	1 hour

CHARACTERISTICS	TEST METHOD	PERFORMANCE
Compressive Strength	ASTM D695	5,500 psi 37.9 MPa
Tensile Strength	ASTM D638	4,597 psi 31.7 MPa
Tensile Elongation	ASTM D38	5.1%
Flexural Strength	ASTM D790	10,159 psi 70 MPa
Flexural Modulus	ASTM D790	339 ksi 2,339 MPa

MIXING RATIO

3 parts QB31 to 1 part QX3120/QX3145.



100% Solids Epoxy Catalyst For CIPP Lining Applications

DESCRIPTION

Quad-Cure® QX3120/QX3145 CIPP Resin is a 100% solids epoxy system designed to meet all specifications for full structural Cured-In-Place Pipe (CIPP) liner conforming to ASTM F1216. Using Quadex's QB31 Base Resin, in conjunction with QX Hardeners, Quad-Cure QX3120/QX3145 will achieve a fully cross-linked system to for a high quality, long-term solution.

It is important to note that Quad-Cure QX3120/QX3145 is specifically designed for CIPP applications and has not been modified from another industry resin in attempt to fit the complex environmental, design and performance needs required in underground rehabilitation industry.

QUADEX® COMPONENTS

- QB31 - Quad-Cure 100% Solids Base Resin
- QX3120 - 20 min. Pot Life Hardener
- QX3145 - 45 min. Pot Life Hardener

SAFETY

Always use safety glasses and protective clothing including gloves when using this product. QX3120/QX3145 contains Amine. Do not ingest. If QX3120/QX3145 comes in contact with eyes flush immediately with water. Always read the container label warning and Safety Data Sheet (SDS) prior to use.

MIXING DIRECTIONS

Mix 3 parts QB31 Epoxy Base to 1 part QX3120/QX3145. Mix using a mixing paddle for a minimum of 3 minutes.

SHELF LIFE

18 months unopened and stored between 50°F | 10°C and 100°F | 37.8°C.

STORAGE AND DISPOSAL

Store between 40°F | 4.4°C and 100°F | 37.8°C. Disposal must conform to local and state regulations.