

Quad-Cure® QX4130/QX4160

QX4130 HARDENER

Typical Performance Characteristics*

| | |
|-----------------------------|---------|
| Gel Time: | 30 min. |
| Work Time: | 1 hour |
| Full Cure: | 4 hours |
| Force Cure at 140°F 60°C: | 1 hour |

| CHARACTERISTICS | TEST METHOD | PERFORMANCE |
|----------------------|-------------|----------------------|
| Compressive Strength | ASTM D695 | 8,784 psi 60.6 MPa |
| Tensile Strength | ASTM D638 | 4,655 psi 32.1 MPa |
| Tensile Elongation | ASTM D638 | 4.8% |
| Flexural Strength | ASTM D790 | 9,559 psi 65.9 MPa |
| Flexural Modulus | ASTM D790 | 373 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.

QX4160 HARDENER

Typical Performance Characteristics*

| | |
|-----------------------------|---------|
| Gel time: | 60 min. |
| Work time: | 2 hours |
| Full cure: | 8 hours |
| Force Cure at 140°F 60°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 |

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

STORAGE

Store between 40°F | 4.4°C and 100°F | 37.8°C.



100% Solids Epoxy Catalyst For CIPP Lining Applications

DESCRIPTION

Quad-Cure® 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 QB Base Resin, in conjunction with QX Hardeners, Quad-Cure will achieve a fully cross-linked system to for a high quality, long-term solution.

It is important to note that Quad-Cure 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.

MIXING RATIO

QB41 - Quad-Cure 100% solids base resin
 QX4130 - 30 min. Pot life Hardener
 QX4160 - 60 min. Pot Life Hardener

QUADEX* COMPONENTS

4 parts QB41 to 1 part QX4130/QX4160.

SAFETY

Always use safety glasses and protective clothing including gloves when using this product. QX4130/QX4160 contains Amine. Do not ingest. If QX4130/QX4160 comes in contact with eyes flush immediately with water. Always read the container label warning and Safety Data Sheet prior to use.

MIXING DIRECTIONS

Mix 4 parts QB41 Epoxy Base to 1 part QX4130/QX4160. 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.

DISPOSAL

Disposal must conform to local and state regulations.