

Quad-Cure[®]

[QX4130/QX4160]

TYPICAL PERFORMANCE CHARACTERISTICS

QX4130 Hardener

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

ASTM Testing

- **ASTM D695 Compressive Strength**
8784 psi
- **ASTM D638 Tensile Strength**
4655 psi
- **ASTM D638 Tensile Elongation**
4.8%
- **ASTM D790 Flexural Strength**
9559 psi
- **ASTM D790 Flexural Modulus**
373,531 psi

QX4160 Hardener

Gel time:	60 min.
Work time:	2 hours
Full cure:	8 hours
Force Cure at 140° F:	1 hour

ASTM Testing

- **ASTM D695 Compressive Strength**
5500 psi
- **ASTM D638 Tensile Strength**
4597 psi
- **ASTM D38 Tensile Elongation**
5.1%
- **ASTM D790 Flexural Strength**
10,159 psi
- **ASTM D790 Flexural Modulus**
339,289 psi

STORAGE

Store between 40°F and 100°F.



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 and 100°F.

DISPOSAL

Disposal must conform to local and state regulations.