

Quad-Cure[®] QX4190

QX41180 HARDENER

- Gel time - 90 min.
- Work time - 2 hours
- Full cure - 24 hours
- Force cure at 140°F - 1.5 hours

NOTE: Do not ambient cure

ASTM TESTING

- **ASTM D695 Compressive Strength**
6080 psi
- **ASTM D638 Tensile Strength**
4597 psi
- **ASTM D638 Tensile Elongation**
6%
- **ASTM D790 Flexural Strength**
12,700 psi
- **ASTM D790 Flexural Modulus**
333,587 psi

SAFETY

Always use safety glasses and protective clothing including gloves when using this product. QX41180 contains Amine. Do not ingest. If QX4190 comes in contact with eyes flush immediately with water. Always read the container label warning and Safety Data Sheet prior to use.

100% solids High Heat 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.

QUADEX[®] COMPONENTS

- **QB41 - Quad-Cure 100% solids base resin**
- **QX4190 90 min. Pot Life Hardener**

MIXING RATIO

- **4 parts QB41 to 1 part QX4190**

MIXING DIRECTIONS

Mix 4 parts QX4190 Epoxy Base to 1 part QB41. Mix using a mixing paddle for a minimum of 3 minutes.

SHELF LIFE

18 months unopened and stored between 50°F and 100°F.

STORAGE

Store between 40°F and 100°F.

DISPOSAL

Disposal must conform to local and state regulations.

