



CHIMNEY GUARD TECHNICAL DATA SHEET

Rev. 01-2018



REPAIR MATERIALS

Physical Properties

- Pot Life
120 mins @ 70°F
 - Tack Free
7 hr @ 70°F
 - Elongation (ASTM D638-14)
270%
 - Tear Strength (lb/in)
90
 - Adhesion (ASTM D4541)
Substrate Failure
 - Pull-off Strength
850 psi
Substrate Failure
 - Shelf Life
1 year from date of purchase
 - Yield
5 qts. (1.25 gallons) / kit
(2 part pre-measured kit)
- Each kit coats 2' (VF) of 24' chimney @ 100 mils

300 S. Dayton St.
Davison, MI 48423
S1Eonline.com/Quadex



DESCRIPTION

Chimney Guard is a 100% solids Epoxy/Urethane hybrid designed to provide a highly flexible and securely bonded seal prepared to address heavy traffic loading, extreme freeze thaw and infiltration.

ADVANTAGES

- High build monolithic coating / 100 mils per coat
- One step, durable chimney seal
- Superior adhesion to steel, concrete and brick
- Permanent flexibility at low temperature
- Advanced elongation properties
- Extended work time

SURFACE PREPARATION

Concrete: Existing concrete must be hydro blasted using a turbo tip at 4000psi until all loose concrete is removed. New concrete must be cured for 28 days prior to application of Chimney Guard. Abrasive blast, in accordance to SSPC-SP13/NACE 6, must be performed prior to application of Chimney Guard.

Steel: Near-White Blast SSPC-SP10/NACE 2. Sandblasting is required when applying Chimney Guard to manhole frame.

All surfaces must be clean and free from oil, grease and other contaminants!

APPLICATION

Fill all voids and cracks greater than 1/8 inch with Quadex™ Hyperform™. Wait one hour before applying Chimney Guard. Quadex AluminaLiner will need a full 24-hour cure prior to the application of Chimney Guard. Quadex GeoKrete® and QM-1s™ will need a full 5-day cure prior to the application of Chimney Guard. When Quadex Structure Guard® has been used to line the manhole, Chimney Guard can be applied directly to Structure Guard within 8 hours, or as soon as Structure Guard has become tack free. After 8 hours, Structure Guard must be abraded with 80 grit sand paper before applying Chimney Guard.

All surfaces must be dry before applying Chimney Guard.

CLEAN UP

Use Acetone to clean tools.

PACKAGING AND STORAGE

Pre-measured kit approximately 1.3 gallons. Store Chimney Guard at room temperature (70°F) in original container. Do not allow to freeze.