



# 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

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A VORTEX COMPANY

### 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.