

Chimney Guard™

PHYSICAL PROPERTIES

- Pot Life: 120 mins @ 70°F
- Tack Free: 7 hr @ 70°F
- Elongation (ASTM D638-14): >300%
- ASTM D624 - Tear Strength (lb/in): 90
- Adhesion (ASTM D4541): Concrete - Substrate Failure
- Adhesion (ASTM D4541): Steel - 850 psi
- Tensile Strength (ASTM D638-14): 1,241 psi
- Shelf Life: 1 year from date of purchase
- Yield:
 - 5 qts. (1.25 gallons) / kit
 - (2 part pre-measured kit)
- Tensile Strength (ASTM D638-14): 1241 psi

Each kit coats 2' (VF) of 24" chimney @ 100 mils.

Flexible Liner for Extreme Freeze/Thaw Conditions

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

PACKAGING AND STORAGE

Premeasured kit, approximately 5 quarts. Store Chimney Guard at room temperature (70°F) in original container. Do not allow to freeze.

SURFACE PREPARATION

Existing Concrete and Masonry: substrates must be prepared in a manner that provides a uniform, sound, clean, neutralized surface with sufficient profile suitable for the specified coating. The substrate must be free of all contaminants, such as oil, grease, rust, scale or deposits and have a surface profile equivalent to a CSP3 to CSP5 in accordance with ICRI Technical Guideline No. 03732. This can generally be achieved by abrasive blasting, shot blasting, high pressure water cleaning, water jetting, acid etch, hot water/steam cleaning or a combination of methods.

New Concrete and Masonry: Must be profiled to achieve a minimum CSP4.



WARRANTY

Quadex, LLC warrants its products to be free of defects in material and workmanship. Within one year from purchase, if any Quadex, LLC product is proven defective, the company will replace said product or refund its purchase price at its sole discretion. The company's obligation shall be limited solely to such replacement or refund. There are no other warranties by Quadex, LLC, expressed or implied. There is no warranty if Quadex products are used contrary to Quadex, LLC's written directions.

PRECAUTIONS

Avoid eye contact or prolonged contact with skin. Wash thoroughly after use. Persons using Chimney Guard should **wear necessary eye protection, dust mask and rubber gloves.** Read all product labels and technical literature.

Steel: Surfaces may require "Solvent Cleaning" (SSPC-SP 1) to remove oil, grease and other soluble contaminants. Chemical contaminants may be removed according to SSPCSP 12/NACE No. 5. Identification of the contaminants, along with their concentrations, may be obtained from laboratory and field tests as described in SSPC-TU 4 "Field Methods for Retrieval and Analysis of Soluble Salts on Substrates". Surfaces to be coated should then be prepared according to SSPC-SP 5/NACE No.1 "White Blast Cleaning" for immersion service or SSPC-SP 10/NACE No. 2. "Near White Blast Cleaning" for all other service. In certain situations, an alternate procedure may be to used such as high (>5,000 psi) or ultrahigh (>10,000 psi) pressure water cleaning or water cleaning with sand injection. The resulting anchor profile shall be 2.5-5.0 mils and be relative to the coating thickness specified.

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

APPLICATION CONDITIONS

Concrete Substrate or Cementitious underlayment must be at an 80% relative humidity or below before installation of the Chimney Guard™.

Relative Humidity in the environment of application must be at an 85% relative humidity or below before installation of the Chimney Guard.

We recommend to NOT apply Chimney Guard if the surface temperature is within 5°F/2.78°C of the air dew point. Ideally, the surface temperature should be at least 5°F/2.78°C above the dew point temperature during all stages of the coating process.

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 Restore® 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.