

PARSONPOXY FP+

FLEXIBLE LINER FOR EXTREME FREEZE/THAW CONDITIONS

DESCRIPTION: Parsonpoxy FP+ 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 ParsonPoxy FP+ 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.

Steel: Surfaces may require "Solvent Cleaning" (SSPC-SP1) 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!

PHYSICAL PROPERTIES:

Pot Life: 120 mins @ 70°F

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- 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
- 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.

APPLICATION CONDITIONS: Concrete Substrate or Cementitious underlayment must be at an 80% relative humidity or below before installation of ParsonPoxxy FP+.

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

We recommend to NOT apply ParsonPoxxy FP+ 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 Parson RPM. Wait one hour before applying ParsonPoxxy FP+. Parson CA Liner 100 will need a full 24-hour cure prior to the application of ParsonPoxxy FP+. GeoLiner and Parson MH Liner will need a full 5-day cure prior to the application of ParsonPoxxy FP+. When ParsonPoxxy SEL-80 has been used to line the manhole, ParsonPoxxy FP+ can be applied directly to ParsonPoxxy SEL-80 within 8 hours, or as soon as ParsonPoxxy SEL-80 has become tack free. After 8 hours, ParsonPoxxy SEL-80 must be abraded with 80 grit sand paper before applying ParsonPoxxy FP+.

All surfaces must be dry before applying ParsonPoxxy FP+.

CLEAN UP: Use Acetone to clean tools.

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

WARRANTY: Parson Environmental warrants its products to be free of defects in material and workmanship. Within one year from purchase, if any Parson Environmental 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 Parson Environmental, expressed or implied. There is no warranty if products are used contrary to Parson Environmental's written directions.



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