

# PARSONPOXY FS1+

## MICRO-FIBER REINFORCED MASTIC

**DESCRIPTION:** Parsonpoxy FS1+ is a 100% solids epoxy mastic used to protect new infrastructure and to rehabilitate existing, damaged, infrastructure. Parsonpoxy FS1+ is best applied using a trowel.

### TYPICAL APPLICATIONS:

- Manholes, wet wells, vaults & septic tanks
- Steel substrates
- Floor and wall penetrations/cracks
- Simple spot repair
- Extreme bonding to nearly all substrates
- Fast curing
- Easy workability
- 1/4" build capability with no sag
- No mixing means faster application

**SURFACE PREP:** Concrete/Brick: Substrate surface must be Hydro Blasted at 5000 psi, removing any loose concrete or other material. Must be free of grease and oil. ALL SURFACES MUST BE DRY, CLEAN AND FREE FROM OIL, GREASE AND OTHER CONTAMINANTS!

### TECHNICAL INFORMATION:

- Color — Grey
- Solids — 100% (no solvents)
- Volatile Organic Compounds (VOCs) — 0
- Thickness — 125 to 250 mils per coat
- Number of Components — 2

**RE-COAT:** Must be abraded with the equivalent of 36 grit sand paper after 24 hrs.

### PACKAGING:

- Net Weight — 2.5 lbs (usable material)/cartridge
- 15 lbs (usable material)/case (6 cartridges)

### APPLICATION:

Theoretical Coverage

- Sq. ft. per gallon 250 mils 6.4 sq. ft.
- Sq. ft. per 6 cartridge case 250 mils 9.12 sq. ft.

**MIXING RATIO:** 2 to 1 in prepackaged cartridge. Use with 600 mil x 300 mil cartridge dispenser. Use only the material that the job requires, leaving virtually no wasted material.

**APPLICATION EQUIPMENT:** Using a OneGun® or other approved dual component dispenser, apply cartridge materials to substrate from static mixing tip. Use trowel or putty knife to spread and smooth out material.

### TYPICAL PERFORMANCE

#### CHARACTERISTICS:

- Tensile Strength  
ASTM D638-14  
4150 psi
- Compression Strength  
ASTM D695-13  
9650 psi
- Flexural Modulus  
ASTM D790-15e2  
8950 psi
- Flexural Strength  
Procedure A  
437 ksi
- Coating Pull Off Strength Test  
ASTM D4541-09  
Substrate Failure

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**CURE TIME:**

- 70°F or 21°C
- Re-coat — 2 hours
- Water Contact — 4 hours
- Final Cure — 24 hours

**STORAGE TEMP:** 70°F**SHELF LIFE:** 24 months unopened**FLASH POINT:** N/A**POT LIFE:** 10 minutes at 70°F (21°C)**CLEAN UP:** Acetone. Refer to Safety Data Sheet for safety and health information.**ENVIRONMENTALLY SAFE:** No harmful VOCs or odors. Disposable packaging and minimal waste.

**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.



17 AD Asbury Rd.  
Greenville, SC 29605  
(800) 356-9023

[info@parsonenvironmental.com](mailto:info@parsonenvironmental.com)  
[www.parsonenvironmental.com](http://www.parsonenvironmental.com)