

## Structure Guard® -FB

### TECHNICAL DATA

#### TYPICAL PERFORMANCE CHARACTERISTICS\*

CHARACTERISTICS	TEST METHOD	PERFORMANCE
Tensile Strength	ASTM D638-14	4,150 psi   28.6 MPa
Compression Strength	ASTM D695-13	9,650 psi   66.5 MPa
Flexural Strength	ASTM D790-15e2	437 ksi   3,000 MPa
Flexural Modulus	ASTM D790-15e2	8,950 psi   61.7 MPa
Coating Pull Off Strength Test	D4541-09	Substrate Failure

\*The values stated in inch-pound units are to be regarded as the standard. The values given in international system are for information only.

### TECHNICAL INFORMATION

- Color — Green
- Solids — 100% (No Solvents)
- Volatile Organic Compounds (VOCs) — 0
- Thickness — 125 to 2,000 mils | 3.2 to 51mm per coat
- Finish — Very Smooth or Textured
- Flash Point — N/A

## Ultra High Build Micro Fiber Reinforced Mastic

### DESCRIPTION

Quadex® Structure Guard®-FB is an ultra high build epoxy mastic, designed to fill gaps and voids in both new infrastructure and existing damaged infrastructure. This 100% solids formula is an ideal underlayment material for use in combination with Quadex Repair Materials. For optimal installation, trowel application is required.

### 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
- 2" | 50.8mm build capability with no sag
- Void and Gap fill

### CURE TIME @ 70°F | 21°C

- Re-coat — 1 hour
- Water Contact — 4 hours
- Final Cure — 24 hours

### POT LIFE

@ 70°F | 21°C — 10 minutes

### PACKAGING

¾ gallon | 2.8 L kit



#### 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 stored or used contrary to Quadex, LLC's written directions.

#### RE-COAT

Must be abraded with the equivalent of 60 grit sand paper after 1 hr.

#### STORAGE TEMP

70°F | 21°C

#### SHELF LIFE

12 months unopened

#### THEORETICAL COVERAGE

6.4 sq. ft. per gallon 250 mils | 6.35mm

#### MIXING RATIO

$\frac{3}{4}$  gallon | 2.8 L pre measured kit: Pour part B into bucket containing part A. Mix for 3 minutes or until A and B are completely mixed. **Do not attempt partial batches. Mix complete kit.**

#### APPLICATION EQUIPMENT

Directly applied to substrate. Use trowel or putty knife to smooth material.

#### SURFACE PREP

Concrete/Brick: Substrate surface must be Hydro Blasted at a minimum of 5000 psi | 345 bar, 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!**

#### CLEAN UP

Acetone. Refer to Safety Data Sheet (SDS) for safety and health information.

#### ENVIRONMENTALLY SAFE

No harmful VOCs or odors.