



PARSON MH LINER

DESCRIPTION: PARSON MH LINER is a high strength, fiber-reinforced, Portland Cement based Mortar for use in rehabilitating manholes, lift station wet wells and wastewater treatment plant structures or as an underlayment for PARSONPOXY SEL-80 or SEL-80HB Epoxy Coatings.

ADVANTAGES:

- * Cost-effective alternative to replacement
- * Stops infiltration and exfiltration
- * Restores structural integrity
- * Provides low to moderate corrosion protection
- * High Strengths and Low Permeability
- * Excellent Bond to damp surfaces
- * Apply up to 3" in a single coat
- * Spincast, Spray Gun or trowel application



PHYSICAL PROPERTIES:

Compressive Strength ASTM C-109	28 days > 9,000 psi	Bond ASTM C-882	> 2,000 psi
Flexural Strength ASTM C-293	28 days > 1,600 psi	Shrinkage ASTM C-157	28 days 0.0% (at 90% RH)
Tensile Strength ASTM C-190	28 days > 800 psi	Freeze/Thaw ASTM C-666	300 cycles, No damage
Density	130 pcf	Sulfide Resistance ASTM C-267	No weight loss after 90 days in 20,000 ppm aqueous sulfuric acid solution
Permeability AASHTO T-277	< 500 coulombs		

SURFACE PREPARATION: Thoroughly clean and remove any loose or foreign materials including paints, dirt, oil, grease, surface coatings, laitance and any other bond-inhibiting material from surface to be coated, using minimum 3500 psi waterblast. Stop all active leaks. (Please refer to our Manhole Rehabilitation Specifications for product selections.) Surface should be Saturated Surface Dry (SSD) just prior to material application. Any standing water must be removed.

MIXING: Using a slow-speed mortar mixer or large mechanical jiffy mixer, add approximately 3/4 gallon of clean, potable water per 50 lb. bag of PARSON MH LINER. Add water to mixer and then add powder. Mix thoroughly for approximately 3 minutes until a uniform consistency has been obtained.

APPLICATION: Using low pressure spray equipment or trowel, apply mixed product on vertical, horizontal and overhead surfaces to a minimum thickness of up to 1/2". Trowel or brush to a smooth finish as soon as possible, but within two hours. If additional material is required, apply up to 2" of product within 4-6 hours, then trowel or brush to a smooth finish as soon as possible, but within two hours. Do not apply to frozen surfaces.

COVERAGE: Approximately 10 sq. feet per 50 lb. bag at a thickness of 1/2 inch.

PACKAGING: Available in 50 lb. multiwall paper bags with moisture barrier.

STORAGE: Shelf life is 2 years when stored at 70°F in unopened, tightly sealed bags in a dry area.

PRECAUTIONS: See MSDS for specific instructions. Use protective eye wear, cover exposed skin and use breathing protection.