



PARSON MH LINER

DESCRIPTION: PARSON MH LINER is a spray applied, high strength, fiber-reinforced, Microsilica Mortar for use in restoring manholes, or as an underlayment for PARSONPOXY SEL-80 Epoxy Coating.

ADVANTAGES:

- * Cost-effective alternative to replacement
- * Stops infiltration and exfiltration
- * Restores structural integrity
- * Provides mild 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



PERFORMANCE DATA:

Compressive Strength ASTM C-109	28 days > 9,000 psi	Shear Bond ASTM C-882	> 2,000 psi
Flexural Strength ASTM C-78	28 days > 1,400 psi	Shrinkage ASTM C-157	28 days 0.0%
Tensile Strength ASTM C-190	28 days > 600 psi	Freeze/Thaw ASTM C-666	100 cycles, No damage
		Chloride 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 general 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, add approximately 1 gallon of clean, potable water per 50 lb. bag of PARSON MH LINER. Add water to mixer and then slowly add powder. Mix thoroughly for approximately 5 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 thickness of up to 3" in one application, although 1/2" – 1" is recommended. 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 6–8 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.

SHELF LIFE: PARSON MH LINER has an expected 12 month shelf life 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.