



PARSON COMPOSITE LINER SYSTEM

DESCRIPTION: PARSON COMPOSITE LINER SYSTEM combines MH LINER or CA LINER 100 cement mortar with PARSONPOXY SEL-80 epoxy coating to provide both structural integrity and corrosion protection to manholes, wet wells and wastewater treatment plant structures.

ADVANTAGES:

- * Cost-effective alternative to Polyurethane systems
- * Restores structural integrity
- * Provides highest level of corrosion protection
- * Spincast or Spray Gun application

PHYSICAL PROPERTIES:

Refer to manhole rehabilitation Specifications Section 3.8

CEMENT MORTAR APPLICATION: 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.

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.

Using low pressure spray equipment or trowel, apply mixed product on vertical, horizontal and overhead surfaces to a minimum thickness of 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.

EPOXY APPLICATION: PARSONPOXY SEL-80 is supplied as a two-component, pre measured kit. Mixing ratio is 3 Parts "A" to 1 Part "B". Open both Part A and Part B containers. Mix each for approximately 1 minute using a mechanical mixer. Pour the entire contents of Part B into Part A container. Mix for approximately 3-4 minutes until thoroughly blended and a uniform color is achieved. Apply with brushes or single-component spray equipment approved by the coating manufacturer to a thickness of up to 80 mils per coat. Spray apply as soon as possible, but within 24 hours and brush between 8 – 24 hours after application of Cement Mortar. If additional coats are required to achieve desired thickness, apply when tack-free and up to 12 hours. If maximum recoat time of 12 hours has been exceeded, the coating surface must be sandblasted or grinded to create a profile. Pressure wash to remove residue and dry with towels or forced air. Application temperature range is 50°F and 100°F.

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