

PARSON COMPOSITE LINER SYSTEM

DESCRIPTION: PARSON COMPOSITE LINER SYSTEM combines an underlayment of PARSON MH LINER cement mortar with a top coat of PARSONPOXY SEL-80 epoxy coating to provide both structural integrity and corrosion protection to new and existing manholes, wet wells and wastewater treatment plant structures.

PHYSICAL PROPERTIES:

Compressive Strength	D695	19,500 psi
Flexural Strength	D790	13,000 psi
Flexural Modulus	D790	1,500,000 psi
Tensile Strength	D638	8,000 psi
Modulus Of Elasticity	D638	550,000 psi
Elongation	D638	4.3%
Adhesion to Concrete	D4541 (in-house)	substrate failure

MH LINER 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. Add approximately 3/4 gallon of potable water per bag of PARSON MH LINER. Apply using low pressure spray equipment or trowel to vertical, horizontal and overhead surfaces to a thickness of 1/2". For new structures a thickness of 1/4" - 1/2" is acceptable. Trowel and brush as soon as possible, but within two hours. Do not apply to frozen surfaces.

PARSONPOXY SEL-80 EPOXY APPLICATION: PARSONPOXY SEL-80 is supplied as a two-component, premeasured kit. Mix Parts A & B separately for approximately 1 minute using a mechanical mixer. Pour the entire contents of Part B into Part A container and mix for approximately 3-4 minutes until thoroughly blended and a uniform color is achieved. Apply up to a 100 mil top coat over MH Liner within 36 hours, using a stiff bristle mason's brush or spray equipment approved by the manufacturer. If the recommended time frame is exceeded, one of the following procedures must be performed prior to application of PARSONPOXY SEL-80. Reclean the structure in accordance with section 3.1 and dry using forced air and apply denatured alcohol using concrete brush and dry using forced air or apply 1/2" of PARSON MH LINER in accordance with section 3.3. Application temperature range is 40°F and 100°F.

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



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