

PERMACAST® MORTARS

Permacast® Structural Liners are made of specially formulated, fiber-reinforced fine aggregate concrete engineered for underground sewer structures. Design specifications aid in the selection of the best material for each particular problem. Our systems are installed by our factory-trained and certified network of applicators.



ADVANTAGES:

- Uniform application
- Densely compacted
- Safe operation
- Precise thickness



MORTAR PRODUCTS:

MS-10,000

- For structural renewal of manholes & underground sewer systems
- High-strength & corrosion-resistant
- Quick, economical & uniform layer
- Provides waterproofing, sealing & structural reinforcement of existing manholes

MS-10,000 with CONmicSHIELD®

- MS-10,000 fortified with an anti-bacterial additive
- A revolutionary product that prevents the bacteria Thiobacillus from colonizing into concentrations that produce sulfuric acid

CR-9,000

- A corrosion-resistant mortar based on calcium aluminate
- Designed to resist biogenic corrosion
- Sole protection against aggressive elements
- Does not sag or run after placement
- Hardens quickly & matures after 24 hours
- Fully reactive aggregate

CR-9,000QS

- A corrosion-resistant mortar based on calcium aluminate cement
- Designed to resist biogenic corrosion
- Sole protection against aggressive elements
- Does not sag or run after placement
- Hardens quickly & matures after 24 hours
- Pure quartz silica aggregate

PL-8,000

- A high-strength, fine-aggregate composite concrete
- Can be applied to concrete, clay, metal & brick culverts
- Cures in place within hours

PL-12,000

- A self-consolidating mortar used in damaged inverts
- Permanently seals the bottom of the pipe, fills inverts & makes a new structural base to keep water from leaking in or out

COR+ROC®

- Provides corrosion protection & structural repair in sewer systems
- A high-build polymer spot repair mortar that is applied 1/8" to 3/8" thick
- A bridge for bonding new to old concrete
- Used for crack & bench repair

COR+GARD® EPM

- Provides protection against chemical and hydrogen sulfide corrosion in sewer systems
- Does not sag or run after placement
- May be applied over damp concrete surfaces
- Produces a protective surface that is impervious to water, oils & most chemicals