



PERMACAST® MORTARS

Permacast® Structural Liners are specially formulated, fiber-reinforced fine aggregate concretes engineered for the repair of 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 CONSHIELD®

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

CR-9,000 QS

- 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

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

PL-8,000

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

PL-8,000D

- Quick setting structural repair material
- High early compressive strength of 3,000 psi in one hour
- Easy to apply with standard gunite equipment
- Perfect for vertical and overhead applications

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