Placement
1. Immediately apply the fresh calcium aluminate mortar onto the prepared surface, forcing SewerCrete™ firmly to the properly prepared substrate.
2. Insure full contact with all bonding surfaces.
3. After all voids have been filled, coat the entire surface at a minimum of ½ inches to a maximum of 3 inches in thickness.
4. Smooth or mold material immediately after placement.
5. After initial set, use a brush or sponge to finish SewerCrete™ to the desired profile.

Curing
1. Protect curing SewerCrete™ from high temperatures, high wind, low humidity, and direct sun causing rapid drying.
2. Do not apply to frozen or frost covered areas.
3. The minimum ambient and surface temperatures should be 40 degrees F at the time of application.
4. Hot weather and conditions above 80 degrees F will reduce working time and accelerate set, while cold temperatures below 60 degrees F will have a retarding effect.

Color
Gray

Yield
One 60lb. Bag
- ½” thickness 13-14 sq/ft
- 1” thickness 6.5-7 sq/ft
- 2” thickness 3-3.5 sq/ft
- 3” thickness 1.25-1.75 sq/ft

Packaging
60 lb. (27.2 kg) poly-lined bag

Shelf Life
9 months from date of manufacture when stored properly in original unopened container at low humidity and a temperature of 72 degrees F.

CAUTION
KEEP OUT OF REACH OF CHILDREN AND ANIMALS.
Product may burn or irritate upon contact with eyes or skin. Do not take internally. Use of safety goggles, rubber gloves, and dust respirator is recommended. Avoid prolonged contact with clothing. This product contains crystalline silica. Take measures to contain and reduce dust. Prolonged exposure to crystalline silica may cause silicosis or other serious delayed lung injury. Avoid breathing dust. For prolonged exposure wear a respirator approved for protection against crystalline silica dust. Crystaline silica has been classified by IARC and NTP as a carcinogen. This product contains a chemical known to the state of California to cause cancer. Consult Material Safety Data Sheet for further information.

FIRST AID:
In case of eye contact, flush thoroughly with water for at least 15 minutes and SEEK IMMEDIATE MEDICAL ATTENTION. For skin contact: wash thoroughly with soap and water. If swallowed: SEEK IMMEDIATE MEDICAL ATTENTION. Consult a physician if irritation persists. Remove to fresh air if inhaled.

Warranty
GML Coatings warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. GML Coatings will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by GML Coatings for its use, and GML Coatings shall not be liable otherwise. Replacement of any defective product, or, at GML Coatings' option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and GML Coatings shall in no event be liable for any damages in excess of the purchase price of the defective product. GML COATINGS SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES. This Warranty constitutes the sole Warranty given by GML Coatings in connection with this product, and GML Coatings has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Limited 1 year warranty from date of manufacture: No modification of this warranty in favor or any buyer shall be valid unless given in writing and signed by an officer of GML Coatings.
Detailed Description
SewerCrete™ is a 100% fused calcium aluminate cement based mortar. This cementitious material contains aggregate and fiber helping to increase certain physical properties of the installed product. SewerCrete™ can be easily installed by any contractor or municipal employee at a minimal investment. The product offers easy shaping and molding characteristics and can be trowel or spray applied.

Features:
- Single Component
- Polymer Modified
- Contains Aggregate and Fiber
- Vertical and Overhead Applications
- 100% Calcium Aluminate Cement
- Extremely High Bonding Properties
- Trowel or Spray Applied
- Apply ½ inch to 3 inches thick
- Protects Against H2S Environments
- Increases Structural Integrity

Physical Properties
Water Ratio
- 1.11 gallons per 60lbs. (15.6%)

Unit Weight (Density)
- 135pcf

Set Time ASTM C191
- Initial Set 3.25 hours
- Final Set 3.75 hours

Compressive Strength ASTM C109
- 1 Day – 6,800 psi
- 28 Days – 9,000 psi

Shear Bond Strength ASTM C882
- 1 Day – 2,300 psi
- 28 Days – 2,500 psi

Splitting Tensile Strength ASTM C496
- 28 Days – 660 psi

Flexural Strength ASTM C348
- 28 Days – 760 psi

Freeze-Thaw ASTM C666
- No noticeable change @ 300 cycles

Penetrability (Coulombs Passed) ASTM C1202
- 28 Days - 5580

Chemical Resistance ASTM C267
- No decrease weight change

Uses:
- Manholes
- Pump Stations/Valve Vaults
- WWTP Infrastructure
- Bench/Invert Repair
- Concrete Pipe Repair
- Catch Basins

Preparation
1. Adjoining surfaces must be sound, clean, free of loose or damaged substrate, dust, dirt, and other contaminants that will interfere with bond.
2. Abrasive and water blasting is required to provide the most ideal conditions for maximum adhesion.
3. The surface should be saturated surface dry (SSD) with no standing water on the adjoining substrate.
4. SewerCrete™ may be applied using a low-pressure wet spray system or by method of trowel.
5. SewerCrete™ is to be finished with a brush or sponge to deliver an aesthetically smooth surface.

Mixing
1. Use clean potable water only with clean mixing container and tools.
2. Pour the required amount of potable water into mixing container, then add the measured amount of SewerCrete™.
3. Mix using a mortar mixer or heavy-duty drill at 400 to 600 r.p.m. and paddle.
4. Continue to mix and blend thoroughly for 2-3 minutes to a lump free creamy like consistency.
5. Addition of cold water at high temperatures or warm water at low temperatures will aid in adjusting the set time.
6. Keep material cool and out of direct sunlight prior to application.
7. Do not over water, re-temper or over mix.
8. Clean out the mixing container thoroughly after each batch to avoid getting hardened mortar into the next batch.

Trowel Applied: 5 Quarts – 5.5 Quarts
Spray Applied: 5.75 Quarts – 6.25 Quarts