

Sewers and Manholes

Products and Applications



Delivering tomorrow's technology today

Repair, waterproofing and protection

Product	Description and Use
Fibre-Prime	Brush applied, cement based, corrosion protective coating containing migrating corrosion inhibitor. It is used to protect exposed reinforcing steel or other steel parts (e.g. cast iron) in manholes.
Fibre-Patch OV	Hand applied, fast setting fibre reinforced, micro-silica enhanced structural waterproofing mortar for application on horizontal, vertical and overhead surfaces.
Fibre-Patch WP	Fast setting, hydraulic cement composition, used as hydraulic plug to stop an active water leaks prior to application of other material, shotcrete, special mortars or coatings. It used to waterproof inverts, or leaks in walls of manholes.
Gem-Plast TC	Repair mortar used in thin section, feather edge to 12 mm (up to ½ in) surface repair of reinforced concrete. Hand or machine applied.
Corro-Chem 300	One-component, acid resistant mortar; hand or spray applied.
Spray-Con WS ST	Spray-applied, fibre reinforced, micro-silica enhanced wet process shotcrete for large volume structural rehabilitation and reprofiling.
Cem-Kote CW Plus	Crystalline waterproofing; slurry applied waterproofing to provide negative side waterproofing
Cem-Kote Flex CR	Flexible waterproofing, polymer modified cement coating, resistant to sulfuric acid, generated by micro-biological oxidation of hydrogen sulfide
Cem-Kote Barrier Cote 100	A high-performance polymer-modified cement coating used as waterproofing, bonding agent and as protective coating. A highly effective vapour retarder (for epoxy systems) when the penetration of water or water vapour is possible from "behind" concrete layer, such as below grade concrete tanks, or secondary containment structures requiring an epoxy coating for chemical resistance.
Gem-Cote EP 100	High performance, high chemical resistance epoxy coating – vertical and horizontal version. The use is mainly in protection of concrete in chemical environments. It is often used with Cem-Kote Barrier Coat 100 undercoat, when water vapour retardation is required, due to moisture coming from behind concrete layer.
Nano-Shield OSP	Cementitious waterproofing, impermeable and resistant to organic solvents, such as acetone, xylene, benzene, oils, hydraulic fluids, diesel and jet fuels and other organic liquids, emulsified in water. Used mainly in industrial wastewater applications. including manholes.
Gem-Wrap CF & Gem-Strip CL	Carbon Fabric, and Carbon Laminate strips, used with adhesive epoxies for structural reinforcement of sewers.
Bio-Gard 100	Biocide admixture for concrete, mortars & shotcrete exposed to concentration of H ₂ S (hydrogen sulfide)

All accessory products are manufactured and supplied by Gemite Products Inc.



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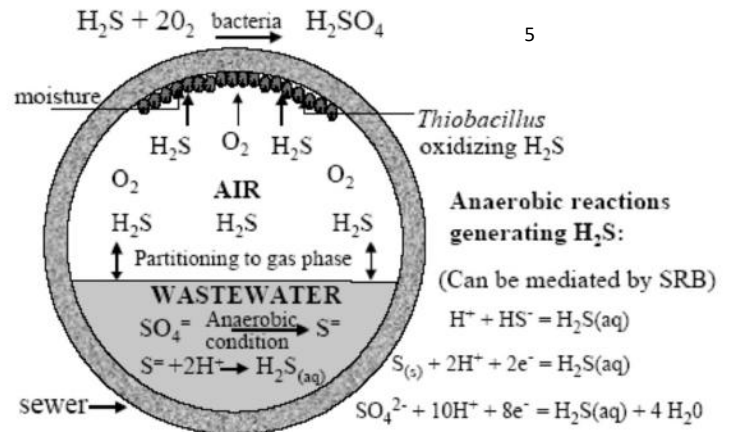
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4. Failing epoxy after one year – Sherbrook, Quebec, Canada
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6. **Cem-Kote Flex ST** – exterior protection and waterproofing of concrete sewer line, Akron, Ohio
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10. **Spray-Con WS ST** – repair of manholes, Dallas, Texas, USA
11. **Cem-Kote Flex CR** – manhole protection and waterproofing, Brantford, Ontario, Canada
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SOLVING WATERPROOFING CHALLENGES WORLDWIDE

Gemite draws upon many decades of a practical experience to assist the Architect, Engineer and Contractor to find the most Efficient and Permanent Solution. From the Condition Analysis of existing structures, to continuous support during the Design and Specification process, we provide advice to assure that the best and cost efficient systems are selected.

Worldwide Technology Leader

Our continuous Innovation, Superior Quality and Solid Reputation make Gemite the preferred industry choice for lasting and reliable solutions. The latest technology introduced by Gemite is a Nano group of products.



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Established and Field Proven Technology

Gemite material systems have been used in new construction and restoration projects ranging from small to huge. We have an international track record of successful installations for over 25 years around the globe, from the ravages of Sahara to the colds of Alaska.

Global Availability and Support

Gemite materials are available internationally, ensuring consistent quality and service to customers everywhere. Gemite guarantees a Single Source of Environmentally Responsible Materials, applied by well-trained Professional Applicators, and supported by a Global Technical Network.

LEED, Green and Safe

Gemite supports LEED Green concept and strives to maximize sustainability and environmental health by using materials with the lowest possible carbon footprint. Gemite's constant improvement of operating procedures and strict Quality Control according to its ISO 9001 Certification assures that we deliver materials with consistent quality and performance to our global Customers.

Brochures for following markets are available on request:

- Water treatment
- Wastewater treatment
- Crystalline waterproofing
- Bridges
- Parking garages
- Wall and roof coatings
- Industrial concrete
- Dams and locks
- Tunnels
- Marine structures
- Cooling towers
- Airports
- Chemical protection of concrete
- Carbon Fibre Reinforcement
- Sewers and manholes



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