

Wall Coatings/Sealers, Roof Coatings Products and Applications



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Wall coatings and sealers

Product	Description and Use
Tuff-Flex CA	Tuff-Flex CA - high performance, flexible waterproofing wall coating for protection of new and restoration of cracked and deteriorated concrete, masonry and stucco. It bridges over and seals substrate cracks due to its high elongation at ambient and very low temperatures. Tuff-Flex CA is highly resistant to acid rain and the waterborne formula is breathable (releases water vapor from the substrate), but at the same time waterproofs.
Tuff-Coat & Tuff-Stone CB	Tuff-Coat is protective, waterproofing and decorative textured wall coating for concrete, concrete block, brick, EIFS, cement board, wood and galvanized metal. It can also be used horizontal surfaces with light to medium traffic, such as balconies and patios. The water borne material is available in a number of finishes for roll on and trowel applied textured application. Tuff-Stone CB uses clear binder and colored aggregates.
Thermo-Cote Wall Coat	Thermo-Cote Wall Coat is an insulating, high performance, flexible waterproofing wall coating for protection of new and restoration of cracked and deteriorated concrete, masonry and stucco. It is also suitable for galvanized steel using an appropriate primer. It bridges over and seals substrate cracks due to its high elongation at ambient and low temperatures. It is breathable (releases water vapor from the substrate) but at the same time waterproof.
Rain-Shield Stain OP WB	Rain-Shield Stain OP WB is a water-repellent stain which minimizes water intrusion into concrete, stucco, brick walls and concrete abutments. It is used only on vertical (wall) surfaces. It used in over concrete, stucco, brick walls and concrete abutments. It provides a long-term color uniformity and corrects color imperfections of the substrate to beautify, protect and extend life of structure.
Rain-Shield MS 100	Rain-Shield MS 100 is used as a protective damp-proofing, clear sealer for vertical masonry and concrete surfaces. It can be also used over painted vertical surfaces. It provides a protection and keeps the surfaces clean. Rain-Shield MS 100 is a fast drying, penetrating sealer, exhibiting excellent adhesion and flexibility combined with superior durability, freeze/thaw and weather resistance. Rain-Shield MS 100 is breathable and water repellent. In full concentration it also provides a high gloss film.
Rain-Shield SX WB	Rain-Shield Clear SX SB is a clear water-repellent penetrating sealer for the long-term protection and restoration of above-grade poured and precast smooth, textured or exposed aggregate concrete, cement board, concrete block (standard, lightweight and pumice) brick, natural stone and stucco. It is also used as a primer/sealer for exterior latex paint. By minimizing water penetration into the substrate, it considerably increases long term durability of the paint.
Graffiti-Shield ST WB	Graffiti-Shield ST WB is a waterborne, modified acrylic polymer emulsion based, high performance coating, especially formulated for graffiti protection of concrete & walls painted with Tuff-Flex CA, Rain-Shield Stain & other wall coatings manufactured by Gemite-Products Inc. Graffiti-Shield ST WB will also function on concrete brick and stucco, to varying degrees depending upon the porosity of the substrate. Graffiti-Shield ST WB Cleaner is used to remove graffiti.
Primer # 300	Primer #300 is a water borne, high performance, modified acrylic coating used as Topcoat or Primer. It is suitable for concrete block, brick, poured or precast concrete, stucco, wood and painted surfaces. It is highly resistant to acid rain and most airborne pollutants, making it an ideal coating for concrete and masonry walls in industrial environments or environments with high level of solid dirt pollutants.

Roof Coatings

Product	Description and Use
Flex-Top RM	Flex-Top RM is an exceptionally flexible waterproofing roof coating with very high resistance to water ponding (because of its internal cross-linking). Due to its high resistance to acid rain (does not contain any carbonate fillers) and most airborne pollutants it is an ideal roof coating in industrial environments. Flex-Top RM can be used over concrete, metal and asphalt roofs and over most existing roof coatings.
Flex-Top RAM	Flex-Top RAM is highly flexible waterproofing roof membrane, based on rubberized asphalt. It can be applied as fast setting material, using a dual spray of material and setting catalyst, or as roll applied membrane. The dual spray is used when a high build up, thick, membrane is required in the application.
Thermo-Cote Roof Coat	Thermo-Cote Roof Coat is a thermally insulating and reflective flexible waterproofing roof coating with very high resistance to water ponding. Thermo-Cote Roof Coat can be used over concrete, metal, asphalt roofs and over most existing roof coatings. Use Primer # 300 over concrete and Primer # 2000 over galvanized roof.

Thermally insulating Wall Systems

Product	Description and Use
Thermo-Shield Foundation Coating	Thermo-Shield Foundation Coating provides protection for rigid polystyrene insulation against damage by weather, ultraviolet rays and normal physical wear. Thermo-Shield Foundation Coating is a Portland cement based, polymer-modified mortar, supplied as a two-component kit.
Thermo-Shield (EIFS) Exterior Insulating Systems	Thermo-Shield FC and NC (non-combustible) Exterior Insulation Systems (EIFS) technology is available for licensing worldwide.

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



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Figures

1. **Flex –Top RAM**, roof waterproofing, Malacky, Slovakia
2. **Tuff-Stone CB** – Toronto, Ontario, Canada
3. **Rain-Shield Stain OP WB**, Toronto, Ontario, Canada
4. **Tuff-Cote SNR** – Leamington, Ontario, Canada
5. **Flex-Top RM** – metal roof, near Poznan, Poland
6. **Tuff-Flex CA** – Mississauga, Ontario, Canada
7. **Tuff-Flex CA** – London, Ontario, Canada
8. **Rain-Shield SX WB** – Toronto, Ontario, Canada
9. **Tuff-Flex CA**, Mississauga, Ontario
10. **Rain-Shield SX WB** – Tiananmen Square, Beijing, China
11. **Rain-Shield SX WB** – Cleveland, Ohio, USA
12. **Tuff-Flex CA** – Zilina, Slovakia
13. **Flex-Top RAM** – Parking Garage Roof, Ukraine

GEMITE INNOVATIVE GLOBAL CENTRE

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.



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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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