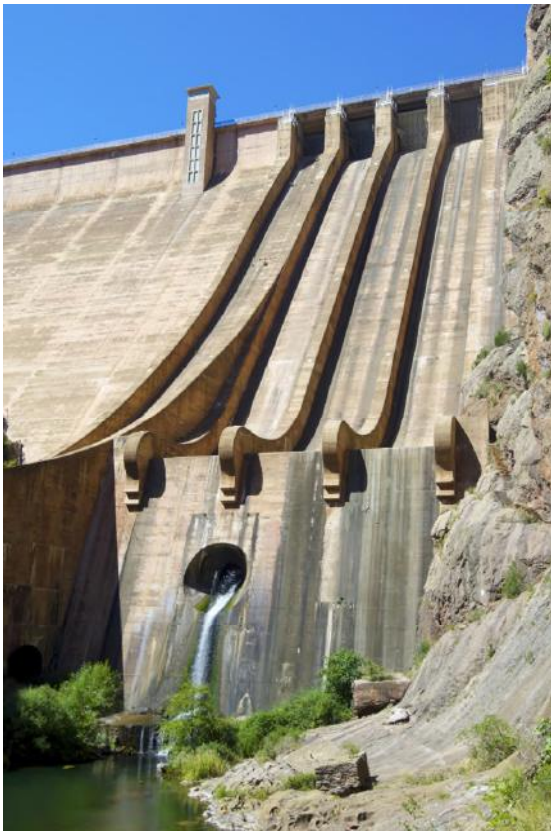
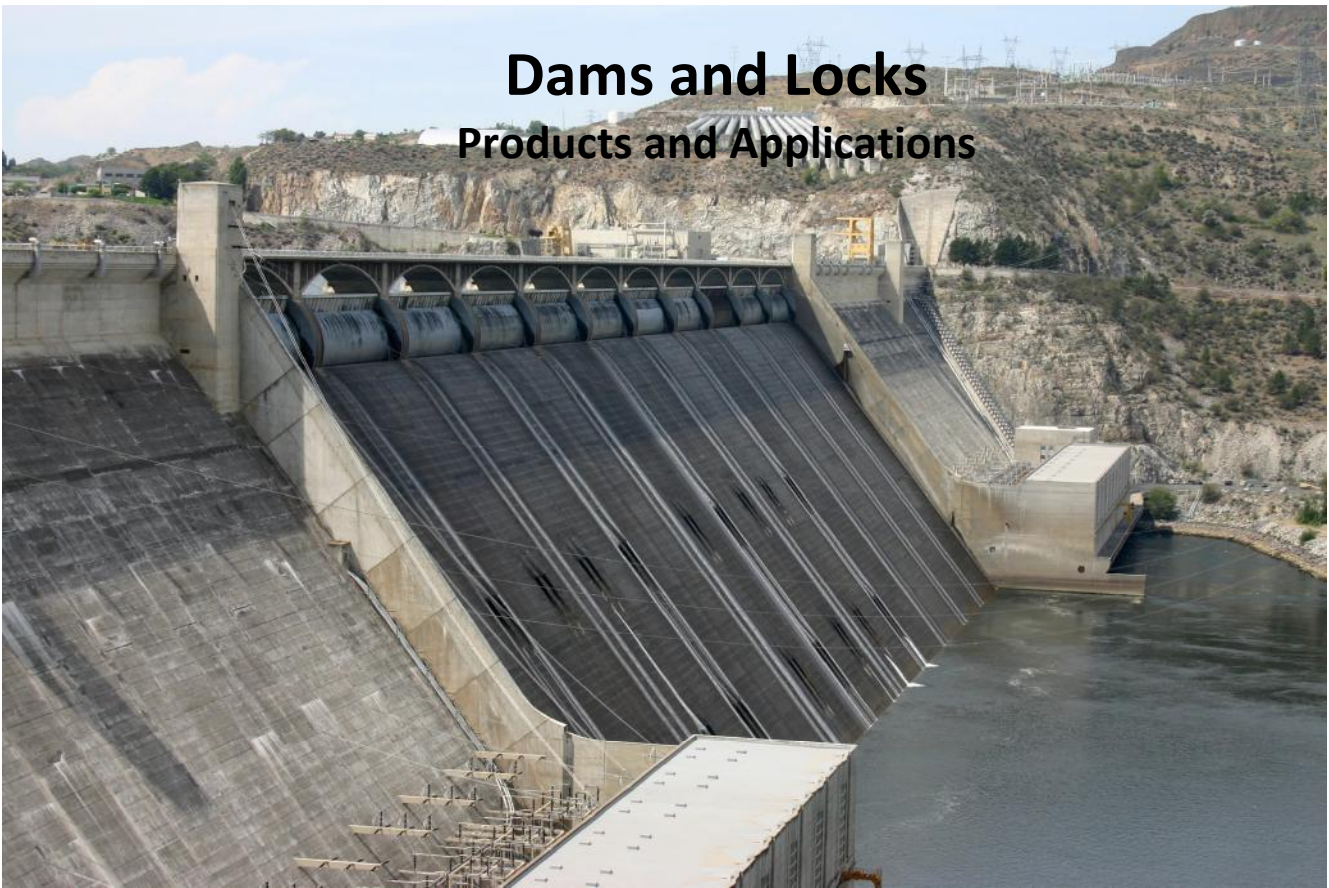


Dams and Locks

Products and Applications



Delivering tomorrow's technology today

General construction, concrete repair and protection

Product	Description and Use
Adi-Con CSF R	Silica fume (micro-silica) based admixture for concrete; provides low permeability, chloride penetration and water-resistant concrete overlay. It is typically used in thickness 5 cm (2 in). The admixture is formulated to provide no effect on slump of concrete, and it is added either at the site to ready mix truck, or in concrete mixing plant.
Adi-Con CSF	This is a raw micro-silica, use typically for on site or factory formulated dry process shotcrete mixes, or concrete as a mineral admixture to reduce permeability and rebound
Adi-Con VCA	Viscosity control admixture used in formulating self-compacting concrete. Used in new construction as well as repair
Gem-Crete HDO	A high-volume fibre reinforced mortar composition, used as a thin, waterproofing, high abrasion and impact resistant deck overlay, in thickness varying from 12 to 50 mm (1/2 – 2 in). It is typically supplied as a concentrate and mixed on site with specified amount of sand, cement and water using mortar mixer.
Gem-Crete HF ST	Traffic deck waterproofing thin overlay, applied 6-10 mm (1/4"-3/8") providing high abrasion & impact resistance. It is a two-component system, consisting of dry powders and a liquid additive.
Fibre-Prime	Brush applied, cement based, corrosion protective coating containing migrating corrosion inhibitor. It is used to protect exposed reinforcing steel.
Gem-Gard MCI	Deep penetrating migrating corrosion inhibitor to provide corrosion protection of reinforcing steel.
Fibre-Patch OV	Hand applied, fast setting fibre reinforced, micro-silica enhanced structural waterproofing mortar for application on horizontal, vertical and overhead surfaces. Also used in grouting types of concrete repairs.
Fibre-Patch ST & ES ST	Horizontal concrete repair mortar. The fast strength developing mortar, Fibre-Patch ES ST allows a fast application of polyurethane or epoxy coatings after repair, or very early opening to traffic
Gem-Plast TC	Repair mortar used in thin section, feather edge to 12 mm (up to 1/2 in) surface repair of reinforced concrete. Hand or machine applied.
Spray-Con WS ST	Spray-applied, fibre reinforced, microsilica enhanced wet shotcrete for large volume structural rehabilitation and reprofiling. Available as premix or concentrate.
Spray-Con DS ST	Spray- applied dry process shotcrete (gunite), available as premix or as concentrate, used for high volume restoration of concrete structures
Cem-Kote Barrier Cote 100	A cementitious waterproofing coating
Cem-Kote Flex ST	A flexible, cementitious waterproofing coting
Cem-Cote CW Plus	Crystalline, cementitious waterproofing coating with fast setting and strength development in applications with limited curing time available before exposure to wat.

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



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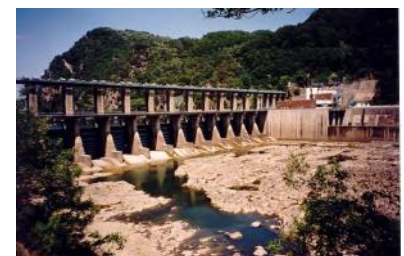
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Figures

1. **Adi-Con CSF R concrete** – repair of locks at Gabcikovo Dam, Slovakia
2. **Gem-Plast TC and Cem-Kote Flex ST** – concrete structure repair, Debe Dam, Poland
3. **Adi-Con CSF R concrete and Cem-Kote Barrier Coat 100** as bonding agent – repairs of spillways at Lijixia Dam, China
4. **Gem-Crete HDO** – deck overlay, Gabcikovo Dam, Slovakia
5. **Gem-Crete TWM Plus** – deck waterproofing, Jordan Dam, Alabama, USA
6. **Fibre-Patch OV, Gem-Crete HDO** – concrete structure repairs, Chuongyu Dam, South Korea
7. **Cem-Kote Flex ST** – negative side waterproofing of cracks and joints, Xiaolangdi Dam, China
8. **Cem-Kote Flex ST** – intake repair and waterproofing, Norway Dam, Michigan, USA
9. **Spray-Con WS ST** – wet process shotcrete repair of Dneprogress Dam, Zaporozhie, Ukraine
10. **Gem-Crete HDO** – dam repairs, Geosan Dam, South Korea
11. **Fibre-Patch OV** – aqueduct repairs, near Phoenix, Arizona, USA
12. **Adi-Con CSF R concrete and Cem-Kote Barrier Coat 100** as bonding agent – repairs of spillways at Lijixia Dam, China
13. **Adi-Con CSF R concrete and Cem-Kote Barrier Coat 100** as bonding agent – repairs of spillways at Lijixia Dam, China
14. **Spray-Con WS ST and Spray-Con DS ST** - Dnepr-Donbas water tunnel, before repairs, Ukraine
15. **Spray-Con WS ST and Spray-Con DS ST** - Dnepr-Donbas water tunnel, after repairs, Ukraine
16. **Cem-Kote Flex ST** – deck waterproofing, Creek Rapid Dam, Manitoba, Canada
17. **Spray-Con DS ST** – water intake tunnel, Detroit, Michigan, USA
18. **Gem-Crete HF ST** – deck waterproofing, snow plough traffic, Seven Sisters Dam, Manitoba, Canada

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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.

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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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- Dams and locks
- Tunnels
- Marine structures
- Cooling towers
- Airports
- Chemical protection of concrete
- Carbon Fibre Reinforcement
- Sewers and manholes



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