

## GEMITE PRODUCTS IN PARKING STRUCTURE RESTORATION



**Gem-Crete HDO** (Heavy Duty Overlay) is a fibre reinforced, waterproofing traffic topping for concrete parking deck restoration. **Gem-Crete HDO** is used where, due to the surface deterioration, a thicker layer of material is required. **Gem-Crete HDO** exhibits abrasion resistance similar to that of a high quality concrete; it is "breathable" and spans substrate cracks. **Gem-Crete HDO** has been successfully used for over ten years in parking garage repairs and is specified by major consulting firms. It is also accepted by a number of Provincial and State Departments of Transportation in Canada and USA as a thin, 1/2" to 3/4", overlay for the repair of bridge decks. **Gem-Crete HDO** was extensively tested by the US Army Corps of Engineers and found to be the best concrete restoration material of the products evaluated. The full report and project references are available on request.

**Gem-Crete TO** (Thin Overlay) is used as 1/4" thick waterproofing topping for restoration of parking garage decks. It is spray applied as a slurry and broom finished. **Gem-Crete TO** is highly economical, easy to apply and very simple to use. Gemite Products supplies inexpensive spraying equipment for **Gem-Crete TO** application.

**Spray-Con WS** (Wet Shotcrete) is a wet shotcrete material for over-head and vertical repair of delaminated concrete ceilings and walls. The advanced Portland cement based, fibre-reinforced, micro-silica and polymer enhanced formulation allows a continuous over-head build up. The fibre reinforcement of **Spray-Con WS** eliminates drying shrinkage cracking; the microsilica provides high strength, durability and superior resistance to chloride penetration. **Spray-Con WS** offers superior durability, ease of finishing and very low rebound. **Spray-Con DS** (Dry Shotcrete) is also available.

**Cem-Kote ST** (Standard) is a Portland cement based, polymer enhanced coating providing a uniform appearance to concrete ceilings or walls after repair. **Cem-Kote ST** also offers excellent protection from water and chloride penetration. Low cost, superior durability and compatibility with concrete make **Cem-Kote ST** an excellent material for the restoration and protection of concrete parking structures.

**Fibre-Patch** is a line of ready-to-use, one component, fibre-reinforced, silica and dry polymer modified mortars for concrete restoration. The key benefits are excellent resistance to drying shrinkage cracking, high resistance to chloride penetration, superior economy and ease-of-use. **Fibre-Patch** is used in repairs where a variable thickness, from 1/4" to 10", is required. **Fibre-Patch ST** (Standard) is for horizontal applications, **OV** (Overhead) for overhead applications and **WP** (Water Plug) for water leakage problems.

**Gemite Products Inc.** also offers material systems for the restoration of Bridge Structures; Water Storage and Waste Water Structures; Balconies and Docks; Tunnels and Mines; Dams, Locks and Canals; Manholes and Vaults, Marine Structures and Industrial Plants.

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