

# PROJECT PROFILE

## WMATA Parking Garages

### PROJECT BACKGROUND

Gannett Fleming as consultant to WMATA was challenged to develop specification for the restoration and protection of four parking garages for WMATA. There was a need to reseal all the joints, repairs cracks and then weatherproof and protect the precast concrete deck from water, chloride and oil penetration.

### STRATEGIES/CHALLENGES ENCOUNTERED

Develop a process to clean, repair, and seal the concrete deck while keeping the heavily used commuter parking structures in operation with minimal disruption for the patrons.

### RESULTS/SOLUTION

Using a well thought out plan CP&R had effectively accomplished the goal using Vexcon's Certi-Vex Penseal 244 O/W Providing long-term protection against future water and chloride ingress into the concrete and providing an easily cleanable surface repelling automotive oil discharge.

### ABOUT VEXCON

Founded in 1974, Vexcon Chemicals core business is the manufacture, distribution and sale of construction chemical products.

Vexcon Chemicals is an industry leader providing innovative product solutions through the development of advanced chemical technologies designed to meet today's construction demands. With our unique capability as a vertically integrated specialty chemical manufacturer we produce as starting materials water and solvent based epoxy, urethane, hydrocarbon, acrylic and silicone products. These technologies allow us to develop cost effective products that are designed to exceed market demands for consist high performing materials. We also have the ability to manufacture customized products developed to meet specific customer demands.

Vexcon produces construction materials designed to build, repair, enhance, protect, and maintain a wide variety of concrete and masonry structures.

Our products span numerous markets and product categories and are commonly used on transportation, commercial, industrial, distribution, institutional and residential projects both nationally and globally.

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<b>Project Type:</b>	Garage Rehabilitation
<b>Location:</b>	Shady Grove, MD Franconia/Springfield, VA Grosvenor, MD
<b>Owner:</b>	WMATA ( Washington Metro Area Transit Authority)
<b>General Contractor:</b>	Concrete Protection & Repair
<b>Project Manager:</b>	Bill Martell
<b>Total Square Footage:</b>	Approximately 2,000,000+ SF (all 4 garages)
<b>Project Completion Date:</b>	2018/2019
<b>Product Used:</b>	Certi-Vex Penseal 244 O/W

