

**Vector®**  
**Galvashield® XP**

**Project History**

**Parking Garage Rehabilitation  
 Milwaukee, Wisconsin**

**Structure:** North West Mutual Parking Garage

**Location:** Milwaukee, Wisconsin, USA

**Specifier:** Computerized Structural Design  
 Milwaukee, Wisconsin

**Contractor:** J.H. Findorff  
 Milwaukee, Wisconsin



Galvashield installed at interface of new and existing concrete

**Project Description:**

After years of exposure to de-icing salts and the upper Midwest winters, the top deck of the parking garage located at 611 East Wisconsin Avenue needed to be replaced. A comprehensive repair program was devised to bring the parking deck up to current codes as well as to provide a long-term repair.

**Project Solution:**

To meet the project requirements, the consultant specified the use of epoxy-coated rebar, silica-fume concrete and a traffic bearing waterproofing membrane. Additionally, Galvashield XP anodes were tied to the existing black rebar that extended into the columns and perimeter walls to provide corrosion protection to the adjacent chloride-contaminated concrete.

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