

# PROJECT PROFILE

## FedEx Freight Expansion

### PROJECT BACKGROUND

FedEx freight was expanding their existing Kansas distribution hub. Once completed this facility will be the largest in the FedEx freight system. The project includes an additional 11 acres of new paving along with a new underground fueling station and warehouse expansion.

Project specification called for all exterior concrete to be cured with a dissipating membrane forming compound. After 28 days of curing this membrane was to be removed/cleaned off and a penetrating sealer applied to protect the concrete from freeze thaw cycles and salting.

This process is both time consuming a costly.

### STRATEGIES

The project participants were looking to reduce the time and cost to cure and protect the concrete without affecting proper curing and the protection afforded from the penetrating sealer, per the existing specification.

Vexcon Chemicals StarSeal Guard DC was recommended as an alternative product that would both cure and protect the concrete with one product.

### RESULTS

StarSeal Guard DC helped complete the project faster by eliminating having to come back to the project and clean the concrete which saved the contractor time as well as reducing the number of products from two to one required to achieve the desired curing and protection results thereby reducing total material costs.

### 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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### Project Participants: Project Specifications

<b>Project Type:</b>	Concrete Paving
<b>Location:</b>	Edwardsville, KS
<b>Owner:</b>	FedEx Freight
<b>General Contractor:</b>	Olaf Anderson Construction
<b>Architect:</b>	TranSystem Corp
<b>Concrete Contractor:</b>	Wil-Pav Inc.
<b>Total Square Footage:</b>	~ 480,000
<b>Project Completion Date:</b>	November 2018
<b>Product Used:</b>	StarSeal Guard DC

