

PROJECT PROFILE

PROJECT NAME: Verizon Wireless Switch Center

PROJECT BACKGROUND

The new Verizon Wireless switch center located in Little Rock, Ark. consisted of 22,000 sq feet of concrete slab and 13,800 sq feet of tilt up panels.

STRATEGIES/CHALLENGES

The sub contractor in charge of the tilt up, The Naylor Companies was looking for a product that would both properly cure the slab per ASTM standards as well as perform as a bond breaker. Previous tilt up projects required the use of two products, a curing compound and a bond breaker. This application method required that the curing compound be completely removed prior to the application of the bond breaker resulting in extra labor and material costs. They were casting wall panels on the floor slab as well as waste slabs. The Naylor Companies searched the market for a product that would meet their desire to have one product to cure and be an effective bond breaker and found that Vexcon's bond breaker, StarSeal Clean Lift complies with ASTM C-309. Though the wall panels were primarily veneered in brick, there were significant areas of the wall that were directly exposed to the casting slabs. The Naylor Companies applied StarSeal Clean Lift to all casting surfaces as well as to the form liner. StarSeal Clean Lift overcame the challenge of not having to remove the curing compound prior to applying the bond breaker as well as having compatibility with the form liner.

RESULTS/SOLUTIONS

The Naylor Companies recently used Vexcon's StarSeal Clean Lift product on a tilt-up project for a bond breaker and cure application. "We searched out a product that would serve as both cure and bond breaker while meeting our specifications for both. This allowed us to save both time and money. The easy application of the product and it's performance allowed for effortless lifting. We would highly recommend the StarSeal Clean Lift product to any contractor looking for an easy and cost-efficient method to bond break and cure."

The above testimonial was given by Matt Kuker, VP of The Naylor Companies, LLC, Oklahoma City, OK.

Project Participants

Project Specifications

Project: Verizon Wireless Switch Center

Project Type: Tilt-up and slab

Location: Little Rock, AR

Owner: Verizon

General Contractor: CDI Contractors

Architect: Morrison Hershfield

Concrete Contractor: The Naylor Companies

Total Square Footage: 22,000

Project Completion Date: July 2012

Product Used: StarSeal Clean Lift

Typical Wall Panel Size: 22' x 14'

Typical Wall Panel Weight: 22,000 lbs.

Large Size Wall Panel: 28' x 26'

Large Size Wall Panel Weight: 28,000 lbs.

ABOUT VEXCON

From the smallest residential to large commercial, industrial and major infrastructure projects, Vexcon Chemicals has been an industry leader in the development and manufacturing of premium products for the construction industry for more than thirty years. Through our unique position as a vertically integrated producer of functional polymer resins, we have and continue to produce innovative, cost effective products that exceed and out perform other products in the market place. Our diverse product lines include all the products required to clean, protect, enhance and maintain new and existing concrete, masonry, brick and a variety of other surface types.

Vexcon Chemical, Inc.
7240 State Road
Philadelphia, PA 19135
1-888-VEXCON-1
(215) 332-7709
www.vexcon.com

