

RESULTS

Problems Solutions

Project:

Central Valley High School Kitchen Floor, Ceres, CA

Submitted By:

Mike Houx, West Coast Industrial Flooring and
Rich Swan, Dex-O-Tex Independent Representative

Contractor:

West Coast Industrial Flooring, Rancho Cordova, CA, Mike Houx

Products Used:

Tek-Crete TT and Terracolor

had to address, since they had to find a quality flooring contractor in a hurry. Dave reviewed the original bidders and requested a meeting with Mike Houx, the owner of WCIF (West Coast Industrial Flooring) to discuss awarding the flooring contract to Mike's firm.

THE ANALYSIS

Mike is very familiar with commercial kitchen applications and has installed floors in hundreds of similar projects. He suggested to the GC that Tek-Crete TT would be a superior kitchen surfacing to

Ceres, California is the third largest city in Stanislaus County. The residents of Ceres passed a tax levy that included the design and construction of a new high school. The highly anticipated Central Valley High School, a state-of-the-art educational facility officially opened in August 2005, just in time for the 2005-2006 school year.

Terracolor and Tek-Crete TT.

Harris Construction of Fresno, California was selected as the General Contractor.

Dave Miller, the Project Manager for Harris directed the job. Last minute changes occurred when the first flooring subcontractor removed himself from the project. This created a major scheduling challenge that the General Contractor

THE OPPORTUNITY

FF&J Architects, Inc., located in Turlock, California designed the Central Valley High School project, which included two of Dex-O-Tex's high performance flooring systems,



Tek-Crete
and
Terracolor
Get Grades
of A+
at Central
Valley High
School

the specified system. The specifier was extremely pleased with the recommended change and allowed for the change order, Tek-Crete TT flooring



system for the kitchen, cold boxes and storage areas.

Tek-Crete TT is a tough, durable and breathable urethane cementitious mortar system from Dex-O-Tex that is designed for tough environments, such as high use commercial and institutional kitchens. Tek-Crete is ideally suited to areas that are exposed to extreme temperature swings, including thermal cycling from hot water washdowns. Tek-Crete is designed to be installed at various thicknesses, with optional skid resistant finished textures, while providing the

ultimate in chemical, impact and heat resistance.

THE TEK-CRETE TREATMENT

The first day of the project, the WCIF crew shot blasted the substrate with a 280 shot to achieve the recommended profile. The use of small shot, like the 280 used allowed for the proper surface texture to be developed without micro-fracturing or "bruising" the concrete slab.

On day two, the cracks and joints were detailed and the black PVC strip (used for cove base termination) was glued into place.

The third day, a three-man crew laid 400 linear feet of Tek-Crete VRT to form the 4" cove base. The following day, 4,000 square feet of Tek-Crete TT was troweled at 1/4 inch.



Because Tek-Crete systems are resin rich, a primer coat was not always required. After the Tek-Crete TT was troweled into place, the surface was backrolled with a porcupine roller to minimize

potential pinholes caused by out-gassing of entrained air and carbon-dioxide and to bring additional smoothing resins to the surface.

The fifth day, the pre-existing joints in the concrete slab were honored and the Tek-Crete was saw-cut to reveal the original joints. The joints were then filled with a high performance, semi-rigid, two-component polyurea. On the sixth day, there was a final

walk through with the General Contractor and WCIF, where school officials gave West



Coast Industrial Flooring a grade of "A+" for the installation of Dex-O-Tex's Terracolor System.

On the seventh day, Mike and his crew were back, hard at work, beginning the next phase of the installation, which include 16,000 square feet of Dex-O-Tex's Terracolor, a highly decorative flooring system in the lobby, hallways, offices and classrooms.

West Coast Industrial Flooring expert installation craftsmanship and Crossfield Products' Scientifically Superior Technology raise the flooring standards in higher education.

