

Xactware Headquarters

US SPEC PRODUCTS

US SPEC Products: GP Grout and EZkote D

Contractor: Big-D Construction

Engineering Group: GSBS

Date of Completion: 2014

In 2012 ground was broken on a 210,000 sq. foot, \$50 million headquarters for Xactware Software Co., a company specialising in developing computer and mobile solutions for property insurance, remodeling, and restoration. Located in Lehi, UT the project site is on the south side of Traverse Mountain and looks out over Utah Valley. The new headquarters will be constructed to the U.S. Green Building Council's LEED Silver Certification standard. The environmentally friendly building will be located two miles from Thanksgiving Point's FrontRunner station and neighbors the Murdock Canal Trail system. Big D Construction is contracted to complete the project by February 2014.

The new headquarters for Xactware is a huge achievement for the company which has grown exponentially since its start in 1986. It will feature a state-of-the-art data center, beach volleyball courts, basketball courts, and a fitness center. With the large amount of new space, the company is looking to create 859 full-time positions. Xactware currently has most of its employees based in Orem, UT with others working in London, Ireland, the Netherlands and Canada. This one office building will be part of the projected 2 million sq. foot Traverse Mountain Business Park with an estimated cost of \$130 million. One million square feet of the business park has already been completed. This will be the largest business park located in Utah.

When it came time to erect the structural steel for the building's frame, the Contractor chose to use US SPEC's high strength, non-shrink GP Grout for the base plates. What led to the decision was the ongoing idea of cost vs. quality. Due to the immense size of the project, the contractor looked for products that were of high quality with the cost benefit needed to successfully complete the project. Besides the high flexural and compressive strengths, the workability and lower cost of the GP Grout were beneficial to the job. The product was used to grout the structural steel columns to achieve structural integrity. To apply, the grout was mixed to a fluid consistency and poured into frames encapsulating the steel column base plates. Once set, GP Grout was shaved to become flush with the base plates.

US SPEC Ezkote D, a multi-use, reactive form release, was used on the project as well to release forms from the concrete foundation. The clean release and easy cleaning of concrete with no delamination of architectural walls were benefits of using this product. The easy stripping and cleaning of forms allowed for quicker re-use. Longer usages of the forms cut down on expenses from constantly buying new forms due to tears or overall wear. Application of Ezkote D was done using a sprayer. This is the recommended application technique for this product. Similar to GP Grout, the contractor liked the high performance and lower cost, associated with Ezkote D.

