

PROJECT > Southlake DPS Training Center

QUIKRETE® Mason Mix Portland Lime Type N (PLN) Mortar

Core Fill Grout

Southlake, TX



PROJECT DESCRIPTION:

In 1997, the City of Southlake established the Crime Control and Prevention District (CCPD) as a resource for reducing crime, increasing public safety and improving quality of life for its residents. CCPD continued its mission by opening the Southlake DPS North Training Facility, a nearly 30,000 square-foot campus that provides emergency response and serves as the training facility for the next wave of police officers and firefighters.

Complete with firing range, police and fire departments, medical center, auditorium and classrooms, Southlake DPS North Training Facility is a masonry marvel that features intricate alternating courses of recessed bricks of various colors along with stacked bond arches large enough to accommodate fire engines. In addition, cast stone panels and cast stone cornice were used to accent doors, windows and walls. Artisan Masonry, Inc. applied nearly 160,000 modular bricks and more than 22,000 concrete masonry units (CMU) with QUIKRETE® Mason Mix Portland Lime Type N (PLN) Mortar in two custom shades of brown and QUIKRETE® Mason Mix Portland Lime Type S (PLS) Mortar in gray. The use of a bulk mortar silo system minimized construction waste on the job, which helped Southlake DPS North Training Facility secure U.S. Green Building Council's Leadership in Energy & Environment Design (LEED) recognition.

QUIKRETE® Mason (Types S, N, & M) is a high strength commercial grade dry pre-blended mixture of sand and cements specially designed for building and reinforcing walls made of brick, block or stone. It meets the requirements of ASTM C270 types S, N, or M.

QUIKRETE® Core-Fill Grout is a properly proportioned mixture of Portland cement, graded sand, and other ingredients designed to provide a flowable grout requiring only the addition of water. It's available in coarse or fine versions.

CONTRACTOR: Lee Lewis Construction Co.

MASONRY CONTRACTOR: Artisan Masonry, Inc

QUIKRETE® PRODUCTS:

- 3,000 lb Mason Mix Portland Lime Type N (PLN) Mortar: 172 bags
- 80 lb Mason Mix Portland Lime Type N (PLN) Mortar: 101 bags
- 3,000 lb Mason Mix Portland Lime Type S (PLS) Mortar: 68 bags
- 3,000 lb Core Fill Grout: 196 bags

PROJECT START DATE:

Summer 2011

PROJECT COMPLETION DATE:

Fall 2013

