

PROJECT > Parkland Hospital Central Utility Plant



Mason Mix Portland Lime Type S (PLS) Mortar, Core-Fill Grout – Coarse
Dallas, TX



PROJECT DESCRIPTION:

The Parkland Hospital Central Utility Plant (CUP) is an 81,000 square-foot facility featuring cooling towers, a generator building, a domestic water storage tank, chillers, boilers and a heat pump chiller built with 100,000 concrete masonry units (CMU). The blocks, which are mainly 12-inch wide CMUs, were laid in alternating stacked-bond courses of 4-inch, 6-inch and 8-inch heights using 256 3,000-

pound bulk bags of QUIKRETE® Mason Mix Portland Lime Type S (PLS) Mortar and more than 600 cubic yards of QUIKRETE® Core-Fill Grout – Coarse. Successfully navigating several design considerations including challenging bond beams, the need for two vertical rebar in each cell, and a very tight job site resulted in the project being recognized as 2013 Texas Masonry Council's Golden Trowel Award winner.

QUIKRETE® Mason Mix Type S is a contractor grade mortar mix designed for laying brick, concrete masonry units and stone. It achieves compressive strength of 1,800 PSI at 28 days and exceeds ASTM C 270 and C 1714 standards

GENERAL CONTRACTOR: JE Dunn Construction
MASONRY CONTRACTOR: J&E Masonry, Inc.

PROJECT START DATE: January 2012
PROJECT COMPLETION DATE: January 2013



QUIKRETE® PRODUCTS USED:

- 3,000 lb Mason Mix Portland Lime Type S (PLS) Mortar: 256 bags
- 3,000 lb Core-Fill Grout – Coarse: 739 bags

