



PROJECT BRIEF



COLORADO TOWER: OFFICE SKYSCRAPER

Project Type:

Commercial

Application:

Waterproofing membrane and topping

Location:

Austin, TX

Project Dates:

2013-2014

Project Size:

373,000 sq. ft.

Project Owner:

Cousins Properties Inc.

Contractors:

DPR Construction, Querrey Construction

Products:

Rapid Set® Cement All®, Mortar Mix, SET Control®

Colorado Tower opened in December 2014 as Austin, Texas' first high-rise in 10 years. Surrounded on three sides by congested downtown streets and by an existing office building, the project team constructed the building with virtually no laydown area. Deliveries were accepted on a just-in-time basis, requiring constant communication and scheduling among team members.

Two outdoor patios are located on the 14th floor, which the project team purposefully left recessed below grade because they needed to apply a waterproofing membrane to the substrate before placing the final product. The project superintendent invited CTS representative Luis Priego to walk through the site to make a product recommendation. Specifications called for a high-bond, early strength material.

Priego recommended Cement All®. Contractor Querrey Concrete performed the work, which included mixing Cement All via mechanical mixer and applying the topping by hand to bring the concrete up to the desired level. For deeper recesses, Mortar Mix was used. To extend the working time of the topping, one packet of the SET Control® additive was added for each bag of Cement All or Mortar Mix. The topping was water cured and broom finished.