

PROJECT PROFILE | Dallas Love Field



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Love Field Airport Renovation at a Glance

City:

Dallas, Texas

Owner:

City of Dallas, Texas

Architect:

Corgan Associates, Inc.

General Contractor:

Hensel Phelps
Construction Company

Carlisle Coatings & Waterproofing Contractor:

Alpha Insulation &
Waterproofing, Inc

Carlisle Coatings & Waterproofing Products:

- MiraPLY® H and V
- CCW 860 MiraDRI®
- CCW 3300 butyl tape
- LM 800XL

A New Post

For nearly a half century, the iconic Texas Ranger statue known as “One Riot, One Ranger” has stood watch in the terminal lobby of Dallas Love Field (DAL) guarding the comings and goings of passengers. In October, 2010, the 12-foot tall bronze statue, which embodies a legend that a single Texas Ranger was dispatched to quell a big riot, left his post temporarily to make way for the Love Field Modernization Program (LFMP).

LFMP is a \$519 million capital improvement project for one of the largest general purpose airports in the world. Owned and operated by the City of Dallas, Love Field serves seven million passengers annually and is the home base of low cost carrier giant Southwest Airlines. When he returns to his post in 2012, “One Riot, One Ranger” will guard a LEED (Leadership in Energy and Environmental Design) Silver Certifiable facility that includes a new centralized concourse with 20 gates, a remodeled lobby, expanded baggage claim area and a new ticketing wing.

A New Guard

While “One Riot, One Ranger” guards above-grade, one waterproofing system will protect the new concourse and ticketing wing below-grade. That system is MiraPLY, the industry’s only self-adhering, dual-technology waterproofing system. Just like the Texas Rangers represented by the Love Field statue, MiraPLY is both tough and reliant. That’s because it combines into one product two independent and proven waterproofing elements – TPO and butyl alloy adhesive. This unique combination provides a secure, direct bond to the substrate without the need for soil compression. In addition, MiraPLY resists puncture from jobsite elements like wearing slabs, soils and construction traffic. MiraPLY is available for both blindside and positive applications.

Better Than Clay

When the Love Field project called for blindside waterproofing in two basement areas located under the ticketing hall and concourse stem, MiraPLY was the ideal solution since more traditional bentonite clay panels could not be used because of shifting soils.

According to David McDole, project manager for Alpha Insulation & Waterproofing, Inc., MiraPLY was used to waterproof 67,000 square feet of space. He said the product lived up to its reputation especially when it came to detailing around multiple elevator pits at basement and ground levels.

“We needed some very product specific details for the elevator pit terminations and CCW provided them quickly,” said McDole. “We had a few adhesion challenges because a non-compatible curing agent was used, but that was quickly resolved without hurting the project schedule. It’s a good product and one we will use again.”

