



Construction Products Group

TREMCO'S LEAK FREE
BUILDING ENVELOPE SOLUTIONS

PROJECT PROFILE



Helipad | Elmhurst Memorial Hospital | Elmhurst, IL

Challenge:

After just two years of use, the exterior concrete paint coating on the helipad at Elmhurst Memorial Hospital was failing. Landing markings and directional identification required by the Federal Aviation Administration (FAA) and Illinois Department of Transportation (IDOT) had begun to peel and fade. Recognizing the short life span of the paint coating, facilities management staff decided to seek options that would provide greater longevity and durability. The clarity and high visibility of helipad markings are essential to providing emergency crew pilots important visual cues that enable safe landings.

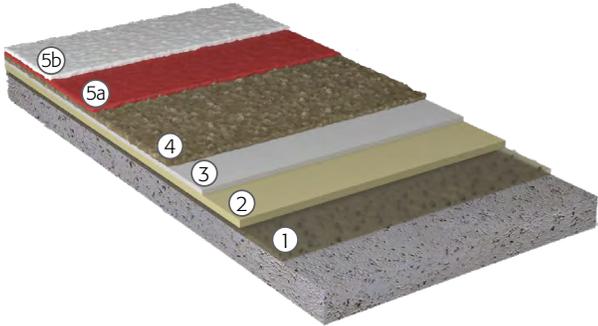
In planning discussions with IDOT, it was agreed any work done be limited to a total of five days. Additionally, Illinois early fall weather conditions had to be factored in; unpredictable weather patterns, lower temperatures and rain could make installation conditions less than ideal. Thus the right solution had to be resilient and able to be installed quickly, even in inclement weather; a conventional painted system was out of the question.

BEFORE



Solution:

Hospital Facilities Manager Tony Pilolla turned to Tremco Roofing & Building Maintenance representative John McCafferty, with whom he had worked with on previous roofing projects. McCafferty consulted with Tremco Commercial Sealants & Waterproofing (CSW) representative Rick Cuttaia, who recommended **Tremco's Vulkem® EWS Helipad System**. "It was a perfect match," said Pilolla. The durable, long-lasting product has a short installation and cure time, which is measured in hours—not days—and can be applied in below freezing temperatures. "We found our solution for a really strong, durable coating that will outlast heavy abrasion and wear," said Pilolla.



- 1. Tremco PUMA Primer
- 2. Tremco PUMA BC
- 3. Tremco PUMA WC
- 4. Silica Sand (12-20 mesh)
- 5a/5b. Tremco PUMA TC

Application:

Contractor J.Gill and Company of South Holland, Illinois, removed the existing helipad coating in two days and completed the application of the Vulkem EWS in just one day. The project required using different color topcoat materials to produce detailed markings and letterings for the helipad. This was accomplished by tinting the Tremco PUMA TC Tintable clear topcoat a deep red and using Tremco PUMA TC White to achieve the brilliant white color.

"I would always recommend the EWS system for unique situations where a short cure time is valuable and also when an extreme-wearing surface is needed," said Joe Gill of J.Gill and Company. "We prefer Tremco products over their competition because we're familiar with their sealants and traffic coatings and we rarely, if ever, have problems with product performance."

As you can see below, the Vulkem EWS created a highly visible and extremely durable helipad that will serve

AFTER



Elmhurst Memorial Hospital far better and longer than its painted concrete predecessor. Facility Manager Tony Pilolla is quite pleased with the results. "This project's success can be attributed to the Tremco Vulkem EWS and the Tremco team that consulted with us," said Pilolla. "The Tremco product line, their customer relationship and business model have added to the success of many projects I have managed."

Only Tremco Offers This Unique Traffic Deck Solution for Helipads

Tremco has provided innovative building envelope solutions to healthcare customers throughout the U.S. and Canada for decades. Tremco pairs its knowledge of the unique challenges of the healthcare market with a range of building envelope solutions to be the premier single source provider for total building health. By combining their distinctive roofing, sealant and waterproofing competencies, Tremco's divisions offer a matchless traffic deck solution for helipads.

Hospital helipads are a widely used and critical juncture in the emergency care continuum. In 2014 alone, there were more than 400,000 patient transports via helicopter EMS. That's 400,000+ reasons hospital facility managers must proactively maintain their hospital's helipad. With both a deep understanding the unique needs of healthcare project, including security, safety and minimal disruption, and tried and true coating solutions, Tremco is a uniquely qualified partner in helipad installations and retrofits.

Why Choose Tremco?

When you combine such features as tenacious adhesion, extreme abrasion resistance, fast cure time and cold weather application, nothing beats Tremco's Vulkem EWS with PUMA technology for restoring helipads. The system is a waterproof traffic deck coating system that utilizes polyurethane-methacrylate (PUMA) technology which delivers extreme durability and decorative functionality.



Construction Products Group

3735 Green Road, Beachwood, OH 44122
216.292.5000 • 800.321.7906

tremcosealants.com

Tremco® and Vulkem® are registered trademark of Tremco Incorporated.