



West Roofing Systems, Inc.

## Jabala Military Base



**Customer Type:** Iraqi Military Buildings

**Project Size:** 150,000 square feet

**Location:** Iraq

### Project

Transite panels on six buildings with steep-slope roofs at the Jabala, Iraq, military base were badly aged and cracked, allowing birds, bats, insects and other pests to live between the drop ceilings and the bottom side of the exterior roofs. Maintaining comfortable temperatures inside the buildings was impossible because of heat penetration, and water and moisture were penetrating the structures during occasional periods of rain.

### Specifications

- Cut thousands of bolts that extended through to the roof deck from the underside flush with the deck.
- Clean roof deck using extra care not to damage asbestos containing transite panels.
- Apply a minimum of 1.25" spray polyurethane foam (SPF) directly to transite.
- Base coat
- Topcoat
- Water test

### Implementation

A crew of six West Roofing employees from the United States and 16 local Iraqi nationals applied 150,000 square feet of SPF on six buildings. West Roofing applied a minimum of 1.25" of SPF to the roof panels and then applied two coats of solvent-free white silicone topcoat (WDG HSS 535). Ten private security personnel helped ensure safety for the application crew.

### Customer Benefits

The SPF roof conformed to the profile of the transite roof panels, resulting in seamless and watertight roofs on each building. The new roofs eliminated pests, reduced dust entering the buildings, eliminated moisture and leakage problems, and provided insulation to improve air conditioning energy efficiency and performance for comfortable living and working quarters.

#### West Roofing Systems

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**West Roofing Systems, Inc.** is the contractor of choice for installing high quality, sustainable, spray polyurethane foam (SPF) roofing systems that waterproof, insulate, and protect commercial and industrial buildings.

Since 1979 West Roofing Systems has installed over 50 million square feet of commercial and industrial roofing. Universities, hospitals, government buildings, retail and industrial buildings, as well as military facilities illustrate the variety of architecture and projects in our portfolio.

**Turnkey Operations** provided by West Roofing help reduce architectural costs and streamline all phases of a roofing project, from initial inspection to the application of an energy efficient, insulated roof system. Follow-up maintenance and manufacturer warranties keep your SPF roof leak free for decades.

**A Single-Source Solution** for almost every roofing situation: **System 14™**. An exclusive, sustainable roofing system, System 14 features a silicone topcoat applied over a spray polyurethane foam (SPF) base, creating a seamless, durable roof covering that uses no mechanical fasteners – eliminating moisture and leakage.

With **Extensive Government and Military Experience**, West Roofing Systems is a preferred contractor for the Federal Government and the Department of Defense. Multiple roofing projects in the U.S. and the Middle East – including general construction government buildings and military installations – illustrate our ability to move the people, products, and equipment wherever they're needed around the globe to get the job done on time and within budget.

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