



West Roofing Systems, Inc.

## Ferrolux CAL Gibraltar Facility



**Customer Type:** Facility Rehabilitation & Expansion  
**Project Size:** 645,000 square feet  
**Location:** Gibraltar, MI

### Project

Ferragon Corporation upgraded an abandoned steel plant with materials that fit into guidelines established by multiple redevelopment funding agency engineers before implementation. Their Tier I Automotive Steel Processing Facility was also required to provide a safe, hazard-free, professional facility and include new insulation with a clean, bright white interior.

### Specifications

- Approved spray polyurethane foam (SPF) for use as asbestos encapsulate over galbestos panels and glazing of windows.
- Premium Spray Products, Inc. Foamsulate™ 220 2lb CC at 2" thick on the walls and 3" thick on the interior roof deck.
- Bright white interior finish with 8,600 gallons of International Fireproofing Technologies, Inc. DC 315 Intumescent Coating on 645,080 square feet of surface.
- Meet DTE Energy's (Detroit Power) energy incentives with use of R-13 on walls and R-19 in roof assembly.

### Implementation

Working in tandem with the annealing line installation iron-work team on the ground, our crew had to properly protect the below space from falling debris and overspray from power washing the surfaces and installing SPF. Workspaces were divided to allow each of our teams to work simultaneously with our large equipment, as our timeframe was roughly 8 months from start to finish (before the Thanksgiving holiday) including many 12 hour days with multiple safety checks to ensure compliance to funding agency guidelines.

### Customer Benefits

SPF insulation was less than 1/3 of the cost of the abatement of the sheet metal panels alone, providing additional capital to make more improvements elsewhere in the facility, as well as reducing the amount of hazardous waste that would have been deposited into landfills if abatement had been performed. DTE Energy's engineers were more confident in the energy efficiencies that would be experienced because of SPF installation, and confirmed all energy requirements were met.

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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 helped 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.

West Roofing offers a single-source solution for almost every roofing situation: spray foam. A sustainable roofing system, spray foam features a silicone topcoat applied over an SPF base, creating a seamless, durable roof covering that uses no mechanical fasteners and eliminates moisture and leakage.

For more information about West Roofing Systems, Inc. visit us at [www.westroofingsystems.com](http://www.westroofingsystems.com)

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