



PROJECT PROFILE

## Rock-Tenn

Foam roof works where other types won't

### Battle Creek, Michigan

#### Unique solution solves paper mill's roofing woes

Built-Up Roofs, modified bitumen systems and single ply membranes meet most roofing needs. But to truly serve its customers, a company needs solutions for those times when traditional approaches don't work.

Tremco Roofing and contractor Associated Applicators faced that situation with Rock-Tenn. The main problems were badly spalling brick walls, which complicated flashing since using mechanical terminations and counterflashing wasn't possible; and window placement.

Rather than walk away from this challenge, especially since Tremco had worked with Rock-Tenn before, the team used Tremco's spray-on foam and polyurea coating roofing system.

Most loose bricks were removed; others were reattached with the foam and polyurea coating. The foam roof was then sprayed over the brick walls and approximately 100 squares on two roofs, and the aluminized, reflective polyurea coating applied on top of the foam. This two-component system solidifies into a rock-hard membrane, thoroughly waterproofing the roof to prevent damaging leaks. The coating's reflectivity may also help reduce energy costs. The system solved the flashing issues because it is self-flashing and adheres easily to brick. Finally, the windows were too low to flash correctly with standard methods. The foam and coating were sprayed up to the base of windows, then sprayed over the windows to completely seal them. TremTred walkpads will allow people to walk on the roof without stepping on the coating itself. To ensure that its roof stays in peak condition, Rock-Tenn received a 10 year Quality Assurance warranty.

#### Contractor:

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#### Polyurea Foam Coating

- Spray-on coating for roofing systems
- Dries into a solid coating with excellent waterproofing characteristics
- Low maintenance costs
- Self-flashing; requires no mechanical attachment
- Adheres to a wide variety of surfaces

#### 10 Year QA Plus Agreement

- Provides roof inspections, preventive maintenance and housekeeping services in specific years during the agreement's life, including:
  - Visual inspection of roof membrane and surface conditions, and flashing systems
  - PM on metal edge flashing components, tears and splits in flashing membrane, and roof membrane repairs
- Written reports following roof inspections

#### Tremco Representative:

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