

## Wastewater Administration Building

Rock-It™ reflective gravel roof provides multiple benefits

### Ankeny, Iowa

#### Solution helps stop leaks on roof and save on energy costs

Ironically, water was a long-time problem for the City of Ankeny's wastewater administration building; water entering the building from the chronically leaking, 2400 square foot, ballasted roof created safety, comfort, even potential health issues.

Tremco field advisor Jeremy Yoder examined the roof and specified an innovative solution--Tremco's Rock-It roof surfacing system. The Rock-It system is a unique combination of white adhesive surfaced with white aggregate (gravel), creating a reflective, completely white roof. In traditional roofs, black adhesive is visible through the gravel or ballast, which also tends to be dark, retaining heat and reducing the roof's energy efficiency.

Cecil Gorsh and Sons Roofing was awarded the competitively bid project. They installed a base sheet and two Tremco BURmastic roofing plies in holt-melt adhesive, then applied the Rock-It system's white adhesive and white aggregate. The extremely durable system completely weatherproofed the roof, stopping the leaks that had plagued the facility for years.

By being entirely white, the Rock-It roof surfacing system minimizes heat build-up on the roof surface, which can reduce air conditioning loads and therefore the costs of cooling the building. The lower roof temperatures also slow the roof aging process, so it can last longer. A Tremco 15 Year QA Warranty will help protect the new roof for years to come.

The Rock-It roof surfacing system is the *only* built-up roof system that is ENERGY STAR qualified; qualifies as a Cool Roof under the requirements of the Cool Roof Rating Council; and meets the stringent requirements of California's Title 24. It can also help in attaining LEED™ points.

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#### Rock-It Roof Surfacing System

- The only built-up roof system that combines a white gravel surface with unique white adhesive
- Can be either hot- or cold-applied depending on the environment
- Both California Title 24 compliant and ENERGY STAR qualified
- Labeled as a Cool Roof according to the requirements of the Cool Roof Rating Council (CRRC)
- All the durability, weatherproofing and reliability of a Tremco BURmastic roofing system

#### 15 Year QA Warranty

- Provides roof inspections, preventive maintenance and housekeeping services in specific years during the agreement's life