GAF Project Profile

Preserving the Past, Protecting the Future: A Roof Upgrade for Northeast Middle School

About Northeast Middle School

Built in 1925, Northeast Middle School has a long history of serving a diverse student body, including students from over 20 countries. Originally closed in 2010 as part of a district-wide consolidation, the school reopened in 2014 and has since undergone a series of site improvements—most recently, the replacement of a roof system that had been in place since the mid-1990s.





Project Summary

- Roofing System: RUBEROID® 20
 Smooth Membrane & RUBEROID®
 30 Granule FR Membrane
- Insulation: EnergyGuard® Polyiso and Tapered Polyiso Insulation
- Key Features: Fire resistance, durability, and seamless integration with the existing structure
- Scale: Full roof replacement over a concrete deck

Job Details

- Location: Kansas City, MO
- Roof Size: 646 Squares
- Completion Date: October 2023
- System Type: Asphaltic
- Building Type: Education



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Northeast Middle School

Challenges:

Replacing the aging roof system required careful coordination and logistics to minimize disruption to school operations. Key challenges included:

- Nighttime Installation To avoid interfering with classroom activities, the Delta Innovative Services team worked overnight, requiring precise planning and safety measures.
- On-Demand Material-Staging With no secure on-site storage, materials had to be delivered and staged as needed, requiring logistical support to ensure smooth operations.
- Structural Considerations While the existing roof had reached its expected lifespan, it showed no signs of excessive wear or water damage, allowing for a straightforward tear-off down to the concrete deck.

Solution:

The goal was to replace the declining roof with a modern, reliable system while maintaining a similar structure. Delta Innovative Services installed:

- EnergyGuard® Polyiso and Tapered Polyiso Insulation, improving thermal performance and drainage
- Securock® Gypsum-Fiber Roof Board
- RUBEROID® 20 Smooth Membrane, providing a durable waterproofing layer
- RUBEROID® 30 Granule FR, a fire-resistant SBS polymer-modified asphalt membrane, surfaced with mineral granules for added protection
- Matrix[™] 307 Premium Asphalt Primer, an asbestos-free foundation coating for asphalt-based roofing materials

By leveraging GAF's materials and delivery coordination, the project was completed efficiently and with minimal disruption, ensuring that Northeast Middle School's new roof will continue to serve students for years to come.

About the Contractor:

Delta Innovative Services — Kansas City, Kansas

Founded in 1990, Delta Innovative Services, Inc. provides a full range of commercial roofing services, specializing in new construction, re-roofing, design-build, restoration, repairs, and roof maintenance. A GAF PlatinumElite™ Commercial Contractor, Delta remains at the forefront of the roofing industry, offering solutions such as green roofs, patio roofs, and deck systems for commercial building owners.



Project Consultants:

- Norton & Schmidt Consulting Engineers, LLC
- Roof Asset Management Services LLC (RAMS LLC)







