



NATIONWIDE ARENA

Columbus, Ohio

The Challenge:

Nationwide Arena is the bustling home of the NHL's Columbus Blue Jackets and a premier destination for NCAA events and concerts. As the facility approached its 25th anniversary in 2025, the operations team began evaluating the existing roof system. While there were no immediate failures, the roof had reached the typical timeframe for replacement.

The primary challenge was logistical: a full roof tear-off and replacement would be a massive, multi-year undertaking. Project Coordinator Ben Roderick and his team needed a solution that would ensure the building remained watertight for the next 25 years without disrupting the arena's heavy event schedule. A traditional replacement would likely force a "summer shutdown," halting revenue-generating events, a scenario the ownership wanted to avoid. Additionally, they sought a cost-effective alternative to the high price tag of a complete roof replacement.

"I would 100% recommend Tremco products to other arenas because it is a very low-maintenance system and the time spent to install allowed us to keep our event schedule completely normal."

- Ben Roderick, Project Coordinator - Nationwide Arena

Completion Date:

2025

Project Type:

Sports & Entertainment
Arena Roof Restoration

Project Size:

300,000 square feet

Products Used:

AlphaGuard® BIO Roof
Restoration System



AlphaGuard BIO's highly reflective white topcoat can significantly lower rooftop temperatures and reduce the Heat Island Effect, helping keep buildings cooler and more comfortable, leading to a potential reduction in energy consumption.



An odorless, reinforced roofing and liquid waterproofing membrane distinguished by its high bio-based content, AlphaGuard BIO is ideal for high-performance roofs and sensitive environments.

The Solution

After diagnostic tests and visual exams of the existing roof system, Tremco confirmed that the current roof was in good condition and a perfect candidate for restoration rather than replacement.

Efficiency and Cost Savings:

The restoration approach offered dramatic efficiency gains. Instead of a 2-to-3-year construction timeline required for a full replacement, the restoration was completed in just a **3-month process**. This allowed the arena to maintain a normal event schedule with no shutdowns.

The financial impact was equally significant; by choosing restoration over replacement, the project **saved over \$4 million**. Malcor Roofing installed a Tremco® AlphaGuard® BIO system, a liquid-applied, fully reinforced roofing membrane. The system came with a 20-year warranty, which includes inspections at years 2, 5, 10 and 15, when Tremco will return for general roof maintenance and upkeep.

In the end, the arena's restoration was completed ahead of schedule and under budget, with a low-maintenance, high-performance roof system, resulting in a very satisfied owner who looks forward to another 20+ years of success.

The AlphaGuard BIO Advantage



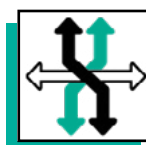
Durable Solution:

Excellent cold-weather flexibility for maximum durability against the elements



Ease of Maintenance:

Easy to clean and maintain ensures increased protection and longevity in all weather conditions and climates



Versatile:

Highly reflective, waterproof membrane helps lower facility energy use, reduces strain on HVAC systems and can be tinted to meet any aesthetic

See How They Saved \$4 Million

Click or scan to watch the video and see how Nationwide Arena restored its roof with zero operational downtime.



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