

ENVERGE PROJECT HIGHLIGHT: HENDERSON ICE ARENA

A WINNING COMBINATION

Culver Military Academy, a prestigious college preparatory boarding school in Indiana, has a proud history with notable alumni. The academy boasts two world-class ice rinks – one NHL-sized and the other Olympic-sized. When Culver decided to use their Henderson Ice Arena year-round, a new issue was created that had to be addressed.





Contrator

The Insulation Guys



Location

Culver, Indiana



Product Used

Enverge OnePass



Install Size

35,000 sq. ft.



Project Time

3.5 weeks

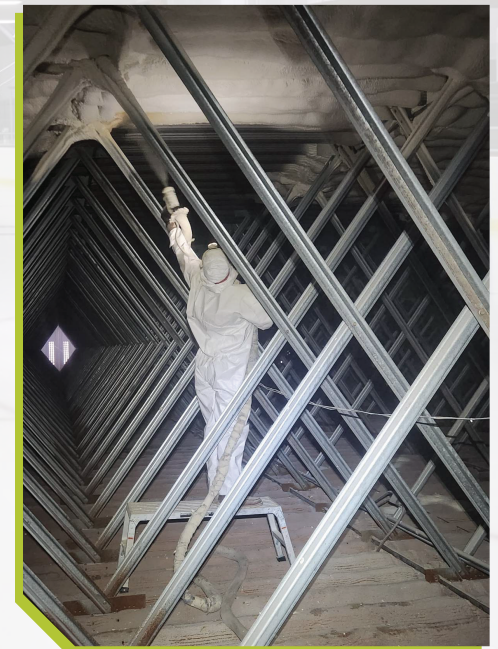
PROJECT OVERVIEW

An inspection was completed by **The Insulation Guys, LLC** where they discovered inadequate insulation coverage in the rink's attic as well as the attic being vented to the outside. During the summer months, this led to a problematic mixing of hot air entering the attic from the outside with the colder, conditioned air from the rink below.



ENVERGE SOLUTION

To address these issues, Enverge building scientist Aaron Davenport developed a plan with **The Insulation Guys, LLC** to seal the attic using a four-inch layer of Enverge® OnePass® closed-cell spray foam. This innovative approach created an airtight, thermal, and moisture seal across the attic's roof deck and walls, which stopped the condensation issues.



INSULATION OPPORTUNITY

Condensation issues caused water droplets to form on the ceiling above the ice rink and then falling onto the ice rinks' surface. The droplets froze on the ice, resulting in disruptive bumps and ripples on the surface. Additionally, the rink's boards continuously "sweated" from the condensation, forming small ice formations along the base of the rink walls.

ENVERGE PARTNER



The Insulation Guys LLC is locally owned and operated in Indiana. Co-owners and managing members, Kyle Hoover and Ashley Sampsel came together to form The Insulation Guys in 2012. Together they have over 30 years of experience in the construction and insulation industry. Since 2012, they have grown the business relocating to the larger shop where the business is currently located in Rochester, Indiana. The Insulation Guys have 6 crews with trained and certified installers who can tackle any project.

theinsulationguys.net

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