



Liberty Property Trust  
Columbus, Ohio

# GE Enduris\* coating solves unstoppable leaks when nothing else could

## The final answer

A metal roof can be a demanding environment. Water may penetrate a seam and freeze, expanding to create a leak. And a roof's temperature can decrease 100°F in a minute during a rainstorm, with simple heat expansion and contraction that can create gaps that leak.

When several attempts at patching couldn't solve the structural damage from these issues, Liberty Property Trust approached Ron Hart, President of Hart Consulting Group, for help. Ron knew that GE Enduris silicone roof coating would seal the area for good. "We've specified dozens of product systems, and immediately recognized GE Enduris as the stand-out choice for this roofing configuration," says Hart.

## Product Used:



GE Enduris seamless 100% silicone coating can restore and extend roof life expectancy with one-coat application.



Performance Coatings

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\* Enduris is a trademark of Momentive Performance Materials Inc.

## Forty linear miles of seams

After specifying GE Enduris\*, the next step was finding an applicator who would also remove the tough layers of built-up patching: an acrylic, a polyurethane, and a hybrid technology, most with fabric reinforcement. Though it would require added time and cost before applying the final roof sealant, Jeff Cleavenger, owner of Freedom Coatings LLC and a GE Authorized Applicator, knew his team could complete the project without excess expense. "Even with the exceptionally time-intensive work of grinding off the old coatings from the seams, we were able to win the job as the lowest bid," he says, "thanks to the cost efficiency and simplicity of the GE Enduris single-coat application process."

Freedom Coatings LLC cleared away all the previous patches, totaling 40 linear miles of seams. In the end, only a small portion of the five-week project was spent actually coating the standing seam roof surface. Cleavenger says, "After more than 30 years in roofing, I've never found anything remotely close to this product's performance or ease of application. Now I only use GE Enduris."

## Strong and flexible

GE Enduris created a durable barrier to help protect the entire roof for decades, far outperforming the patches that failed after only months. A stable, strong, seamless coating meant there were no gaps for water to penetrate the coating and re-open the seams. The coating's white color helped lower overall surface temperature, defending the metal roof against drastic temperature extremes, lowering energy costs and extending roof life. Its best-in-class elongation remained flexible even as daily expansion and contraction cycles occurred.

The project demonstrated how starting with a high-quality product is best in the long run. Hart adds, "Choosing GE Enduris for the first sealing attempt would have saved half the cost and all of the headache. We were glad to help Liberty Property Trust secure their building's future."



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**Jeff Cleavenger** – Owner of Freedom Coatings LLC

Pioneered by GE. Refined by GE. With a history of dedication to innovation and excellence, today's family of GE sealant products address a wide variety of the ever-inventive, increasingly demanding architecture found around the world. Outstanding durability, flexibility, and movement capability are fundamental to the high performance of GE sealants. With decades of experience, in new and remedial applications, on some of the world's most innovative structures, the sealants team provides knowledge and comprehensive support to help ensure a project is successful.