



Large Manufacturer
South Carolina

GE Enduris™ Roof Coating restores state-of-the-art manufacturing space

A large roof problem

A decade after this fortune 500 manufacturer moved into its new campus, portions of the manufacturing space's massive 2.5 million square feet of roofing were already in need of substantial repair.

The company chose a single-ply second roof — but another ten years later, the second roof had also begun to fail and leak. The customer faced a dilemma: the second roof was off warranty and the alternative was an expensive tear-off that could cause months of costly business disruptions. GE Enduris™ Roof Coating was the answer.

Product Used:



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



PERFORMANCE COATINGS

* GE is a registered Trademark of General Electric Company and is used under license by Momentive Performance Materials Inc.

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Director of Maintenance



In this low spot, there were layers upon layers of patches applied to the ten-year-old roof.



Heavy chalking revealed the UV damage suffered by the existing single-ply second roof.



GE Enduris coating created a seamless, full-coverage barrier for long-lasting protection.

Time and cost savings

A single seamless coat of GE Enduris™ Roof Coating allowed the customer to restore its roof at a fraction of the cost of a tear-off. The 100% silicone formula means GE Enduris coating can be rolled or sprayed even in conditions that would typically halt most projects. “Much of the work took place during weather near freezing and/or with a forecast of rain within 24 hours,” said GE Authorized Applicator Tom Portaro of NTek. “You can’t do that with an acrylic coating.” Application was quick and convenient, with no waiting on the weather and no interruption to daily operations.

Because all Enduris system components are made out of the same 100% silicone material, there are no areas where dissimilar materials meet and risk leakage, which is critical to maintaining such a large area. Choosing the white GE Enduris coating results in a much lower daily temperature than a black or gray material. Less heat absorption can extend roof life and helps reduce sizable summer cooling costs.

Long-lasting quality

GE Enduris coating helped ensure the facility reflected the company’s emphasis on innovation and quality. The completed project created a more energy-efficient roof that requires little maintenance and with a lower installation cost than alternative options. With an extended twenty-year warranty in place, the improved roof brings peace-of-mind. “A lot of promises get made in the roofing business,” said the Director of Maintenance. “I trust GE Performance Coatings with my roof — they are true to their word and deliver quality solutions that endure.”

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.