



Park Plaza Shopping Mall
Hilton Head, SC

Working through the challenges of this seemingly simple strip mall job

Multiple substrates

Even the "simple" jobs are rarely simple. In this 30,000 square foot strip mall, there was built-up roofing, EPDM, and foam. Parapet walls were metal. There were asphalt patches, failing coverboard fasteners, exposed primers, previously coated acrylic and aluminum, failing curbs and a host of other challenges.

"This roof is why we love the GE solution" said Thomas Covington, Director of Operations at ACS Commerical Roofing and Waterproofing and GE Authorized Applicator. "Each of these substrates benefit from the seamless coating. Ten to twenty years from now, the transitions between these roofing types will look exactly like they do today. With a new membrane solution, we'd have failing bridges within a year. We have installed every type of roofing - GE Enduris is our favorite system and was an easy choice for the challenges of this roof."

Product Used:



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



PERFORMANCE COATINGS

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* Enduris is a trademark of Momentive Performance Materials Inc.

Problems solved

The toughest problem on this roof was the years of grease around the vent from the restaurant. We could have tried to clean it, but it would have been nearly impossible to remove it all. The easiest solution was to put a single ply patch over it and then coat over the patch with Enduris™ 3502.

The intersection of the different roofing types was another challenge. We sealed each interfaces with Enduris™ Seam Sealant - RF100 fabric - Seam Sealant. Some prefer to use 3502-fabric-3502. For the curbs and penetrations, the applicator "gloved" the Seam Sealant, but others apply by trowel or brush. There was an area where 2" x 2" sections of foam were exposed but a thermal scan showed no wet insulation, so we just coated. On an asphalt patch, we used Enduris™ Asphalt Bleed Blocker as a base coat prior to coating with Enduris 3502. On the expansion joint, we used UltraSpan pre-cured rubber and Seam Sealant - RF fabric - Seam Sealant on the sides of the curb. Then we top coated with Enduris 3502.

Less labor means more savings

Application partner ACS passed the cost benefits of GE Enduris to the building owner. "Our crew was in and out. The one-coat application with no primer to any of these substrates saved days of work and cost. In the two-week project, we didn't lose any time to rain," said Thomas. "Here on the Carolina coast in summer, every day has a forecasted chance of showers. With an acrylic, we would have lost coating in a pop-up rain shower to a wash-out and three additional days due to threat of rain." said Thomas. "Its now been six months since we finished the job and not a single call back. **Our quality is our business card.** With GE, we'll not hear from this customer until **we** call them to renew the warranty or they have another job for us."



"Here on the Carolina coast in summer, **every** day has a forecasted chance of rain. With an acrylic coating, we'd have lost three days and had a wash-out"

Thomas Covington – Director of Operations, ACS Commercial Roofing and Waterproofing

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