



Villa Caletas Hotel  
Costa Rica

## GE Enduris™ beautifies and protects exclusive hotel in Costa Rica

### Beauty and beast

As the highest performance liquid-applied roofing membrane available, GE Enduris isn't just a great looking coating - it performs even in the most challenging climates.

At about five years old, the existing roof coating was starting to fail. There were leaks as well as rusted areas - particularly on the panel edges. It was time for a refresh for all the roofs in the complex.

"We considered several solutions. "GE Enduris was the best value - price and performance. We trust the GE brand and the silicone performance promise," says Ferens Badenszki, the Maintenance Manager for Villa Caletas, a large complex with 10,000 m<sup>2</sup> of roof area.

### 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.

## High performance

GE Enduris™ is a simple solution that provides up to twenty year warranty. The application started with GE Enduris™ Seam Sealant to joints, gaps, and areas of where dissimilar materials meet. This ended the persistent leaks. Next, the GE Enduris coating was applied to the entire surface for long-term protection against the elements and ponding water.

Because all GE Enduris components are 100% silicone, there was no worry of failures from the intersection of dissimilar materials. "Now the customer has a seamless roof with little annual maintenance needs," says Jeffrey Martinez, Project Supervisor at distributor MegaLineas. "Costa Rica is a challenging environment. It's hot and humid, which can lead to metal rust with lower performance coatings. High temperatures, interrupted by frequent and unexpected rain, can cause huge roof temperature changes in just a few seconds. This is challenging for a metal roof - especially where panels overlap and at penetrations."

## Energy savings

The owner immediately noticed lower temperatures in the rooms and common areas. Although not yet quantified, this can save energy costs in conditioned spaces and very significantly increase comfort in unconditioned spaces.

## Easy application

There are application benefits as well. "During the four-week project, we lost only two days to rain," says Ferens Badenzski. He explains, "If it had been an acrylic coating, we would have lost weeks. It rains here every afternoon! A quicker and more predictable installation meant savings for us and less interruptions for our guests."

"As you know, most acrylics cannot be applied if rain is expected within 24 hours," says Ferens.



"From several options, we chose GE Enduris. It was the right combination of price and performance."

Ferens Badenzski, Maintenance Manager

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.