



White Castle

Built to handle hurricane-force winds and waves of tourists

Facades



To build their largest restaurant ever, White Castle used a combination of StoTherm® systems to provide protection against Florida's frequent tropical storms, while simultaneously matching the stone and stucco design aesthetic of White Castle restaurants.



Sto Products	StoTherm® ci, StoTherm ci MVES with stone, StoGuard®
Applicator	Rue Quality Systems
Distributor	FBM Orlando
General Contractor	Arlington Construction
Architect	MS Consultants
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The hamburgers may be tiny, but the new restaurant is huge. When White Castle decided to venture into the Sunshine State, they did so in a big way. Literally. When the Orlando White Castle opened its doors on May 3rd, 2021, it was the iconic burger chain's first Florida location and, perhaps more notably, it became the largest White Castle in the world. But it wasn't the enormous size of the restaurant that presented a problem. The real challenge was the Florida location. White Castle has been satisfying the intense burger cravings of Midwesterners since 1921. Their 377 locations are almost exclusively found in cold-weather states. They're built to withstand ice, snow and freezing temperatures. But hurricanes? Not so much.

Building the world's largest White Castle was just a matter of doing what they'd already been doing, only bigger. But translating this cold-weather classic to tropical, storm-prone Florida required a true team effort, which included design, distribution and application expertise. To deal with the weather and the state's stringent Notice of Acceptance requirements, the team turned to Sto, using a combination of systems: StoTherm® ci and StoTherm ci MVES with stone. Because StoTherm® ci integrates continuous insulation, innovative water-resistant barrier technology and drainage features, it was ideal for dealing with the Sunshine State's frequent, punishing tropical storms and hurricanes. And StoTherm ci MVES with stone made it possible to match the stone and stucco design aesthetic of White Castle restaurants while maintaining continuous insulation. "Having the flexibility when choosing the products and the variation in the finishes was essential," explained Chuck Busch, Technical Service Manager at MS Consultants, Inc., who oversaw the design.

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Chuck Busch | Technical Service Manager | MS Consultants, Inc.

At 4,567 square feet, the Orlando restaurant dwarfs most other locations. The bigger footprint meant more material, but distributor FBM Orlando had no issues sourcing everything required for a seamless build, ensuring the design could be accurately rendered by the expert applicators of Rue Quality Systems. And that's exactly what Rue did, flawlessly executing the vision of MS Consultants to create a weathertight building. Utilizing one of Sto's StoGuard® air and moisture barriers over the wall assembly, they sealed the building tight and employed the continuous insulation of the Sto EPS insulation board to create an energy-efficient building. They finished it off with a beautiful stone facade, courtesy of the StoTherm ci MVES system.

Together, MS Consultants, FBM Orlando and Rue Quality Systems brought the project home, with a huge assist from StoTherm ci's fully engineered system, the single-source solution for the building envelope. Orlando, a city that does not need more tourist destinations, has found itself another one. The grand opening on May 3rd saw cars lined up around the block, and its popularity with locals and tourists alike hasn't abated since, adding the world's largest White Castle to their already extensive list of Orlando's must-see attractions. If there was ever any question about the classic cold-weather favorite's appeal translating to the warm-weather climes of Florida, there isn't any longer. The world's largest White Castle has not yet been tested by any major weather events, but it's stood up to wave after wave of tourists while cranking out all the tiny burgers they can eat.



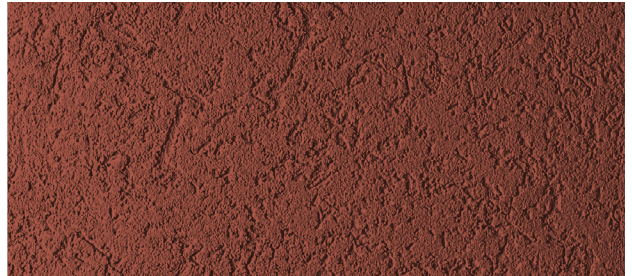
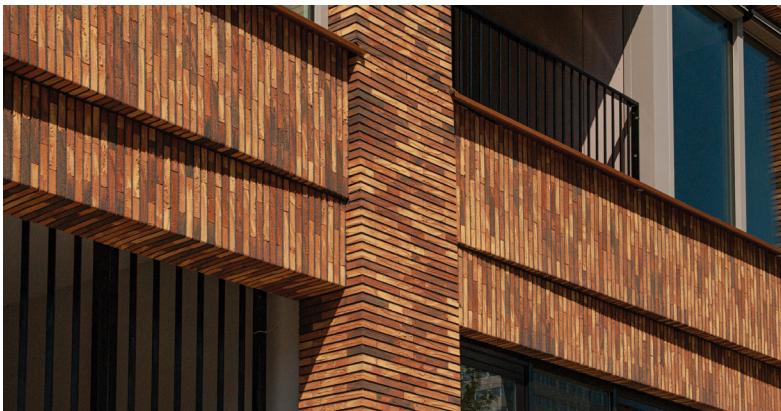


The only limit is your imagination

Inspiration favors the open mind. With Sto, your creative exploration can take you anywhere. Our proven products give you unmatched freedom and the ability to achieve your vision in any color, any form, any texture and any material.

Combining high-performing continuous exterior insulation and a continuous air/moisture barrier with high strength masonry veneer adhesive, StoTherm® ci MVES opens countless new avenues for ambitious designers. The engineered insulating wall system provides superior air and weather tightness while providing the creative freedom of exploring designs featuring thin brick, natural stone, ceramic tile, or cultured stone. The engineering delivers again. Your creativity is free to follow.

Creativity Begins. **Sto Finishes.**®



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