



Building with conscience.

Davenport House

Residential showcase utilizes StoVentec® Glass Rainscreen® Facade

Facades



StoVentec® Glass is an advanced ventilated Rainscreen® cladding system consisting of a glass-faced composite panel, thermal insulation, air and moisture barrier, and metal framing. The result is an engineered, high performance facade with a sleek, elegant look.



Sto Products	StoVentec® Glass
Applicator	Pillar Construction
General Contractor	Pillar Construction
Architect	Jeff Davenport
Media Contact	Schoeny Jones: sjones@stocorp.com Julie Chalpan: julie@focusunlimitedpr.com



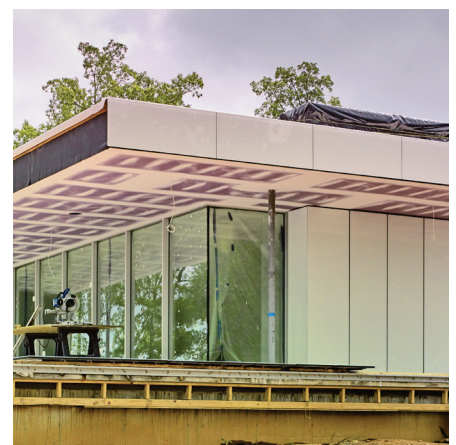
Rainscreen systems are generally found on commercial buildings, but architect Jeff Davenport, a principal at Perkins & Will, chose the StoVentec Glass panel system for his private residence on Lake Anna in Louisa County, Virginia. It is the first such installation in the U.S., and based on the stunning results, will most certainly inspire future use of this versatile, highly functional product.

“I couldn’t be more pleased with the final results of the exterior cladding,” said Davenport. “I had been exploring other rainscreen products and was not happy with the details and material qualities they offered. The StoVentec Glass panels delivered on everything I was looking for and more. Through the glass’s reflective properties, the home takes on different qualities and appearances throughout the day and the seasons. It allows us to see our home through a different lens every time we look at it.”

The contemporary design for the home initially called for metal panels. Pillar Construction, the contractor, presented several options. The architect selected StoVentec Glass panels, which would provide better insulation and striking aesthetics. In addition to the advanced rainscreen cladding with a high-tech, back-ventilated system and air cavities for drainage, the StoVentec Glass panel system also provides thermal and sound insulation.

Gabriel Castillo, an architect who works with the Pillar firm on business development, had worked with Sto overseas during the previous eight years and was intimately familiar with the StoVentec Glass panel product. “With eight years and 150,000 square feet under my belt, I am ecstatic that Sto has at last brought their outstanding rainscreen product to America!” Castillo noted that rainscreen systems are trending favorably right now, and that the Sto product offers superior benefits, performance and aesthetics.

“StoVentec Glass panels are 100% recyclable making for a greener building with the latest back-ventilating technology. Because the glass panels are removable, leaving the frame and infrastructure intact, they can be replaced, thus extending the life-cycle of the exterior cladding,” declared Castillo.



“StoVentec Rainscreen systems are the perfect solution to the new aesthetic design challenges with the benefits of a fully code compliant, fully tested wall system.”

Gabriel Castillo / Pillar Construction



Part of the Ventec™ manufacturing process includes the fusion of color onto the back of the glass. The hues melt into the glass, creating permanently colored panels that will not wear, scratch, fade, or incur water damage. Vivid colors and different panel sizes are available as options, offering many aesthetic choices for either new-build or renovation.

The material qualities of glass may not initially appear to be at one with nature, but Davenport found just the opposite. “The house has 190 lineal feet of floor to ceiling vision glass” he shared. “That glass combined with the glass of the StoVentec Rainscreen system is an exterior envelope that is 100 percent glass. You would think that approach would stand in strong contrast to the natural forms of the site, but with the reflective qualities of the glass, the home appears to totally integrate into the site and enhance the natural surroundings.”

While Davenport is pleased with StoVentec Glass in his residential project, he also sees great application opportunities in commercial design – from high-rise to street-level retail. Castillo agrees. “The full wall assembly solution approach provides peace of mind and the engineered performance that any architect and owner demands,” he said. “StoVentec Rainscreen systems are the perfect solution to the new aesthetic design challenges with the benefits of a fully code compliant, fully tested wall system.”

Working with Sto has been a pleasure for Castillo and Pillar Construction. “Sto has a stellar reputation,” he says, “and they embrace a highly collaborative effort involving the architect, installer and manufacturer.”



Sto Americas

Sto Corp.

3800 Camp Creek Pkwy
Building 1400, Suite 120
Atlanta, GA 30331
USA

Phone 1-800-221-2397
www.stocorp.com