



Building with conscience.

Wolverhampton Girl's High School

Sto goes back to school to deliver durability and aesthetics

Facades



Interiors



Wolverhampton School chose to use StoVentec® Glass for its Sixth Form hub building to bring in modern aesthetics to complement the architecture of the existing campus, which dates back to 1911. The reflective nature of the glass harmonizes with the surrounding landscape while reflecting the historic buildings surrounding it.

Sto Products	StoVentec® Glass
Applicator	Craft Interior
Developer	Turner-Agassi Charter School Facilities Fund
Architect	Seymour Harris Architects
Media Contact	Schoeny Jones: sjones@stocorp.com Julie Chalpan: julie@focusunlimitedpr.com



The StoVentec® Glass Rainscreen® system was specified for the Wolverhampton Girl's High School due to the strong visual appeal which matched the architect's vision for the project.

"The design of the school's new sixth-form building was extremely important given its location and context, and this played a major role in driving the specification of the most appropriate materials," explains Joe Harris of Seymour Harris Architects. "In contrast to previous pastiche additions to the school, we wanted to use modern materials which would complement the original architecture of the school. The new building is harmonized with its surroundings through the color and pattern of the high-level cladding and by physically reflecting the attractive landscaping of the site, and the school's original buildings which date back to 1911."

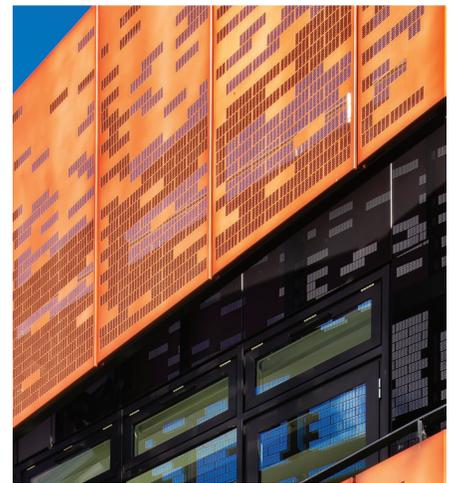
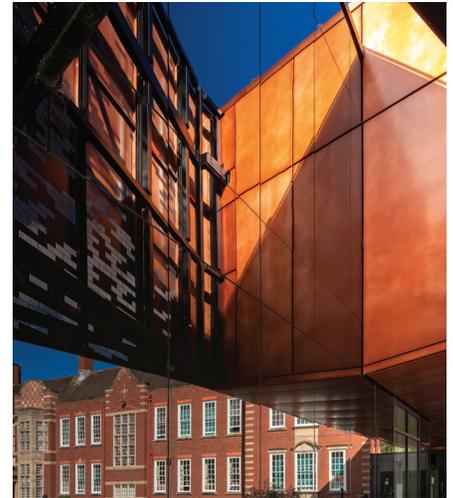
The original idea of cladding the building with a reflective metallic finish was changed, as the school environment could easily lead to the metal being scratched and dented.

"Sto worked closely with us, providing many samples and helping us to arrive at the final choice. The StoVentec Glass proved to be an excellent way of translating our design into reality."

Joe Harris | Seymour Harris Architects

"We chose the StoVentec Glass system instead," adds Harris. "It's tough and scratch-resistant, but it still provided the high degree of reflectivity that we were looking for. Sto worked closely with us, providing many samples and helping us to arrive at the final choice. The StoVentec Glass proved to be an excellent way of translating our design into reality."

The BBA-accredited StoVentec Glass system incorporates an adjustable sub-construction, which is designed to custom-fit each project. This can easily be adjusted to suit any uneven substrate and creates a ventilated cavity which keeps the wall dry and allows it to breathe.





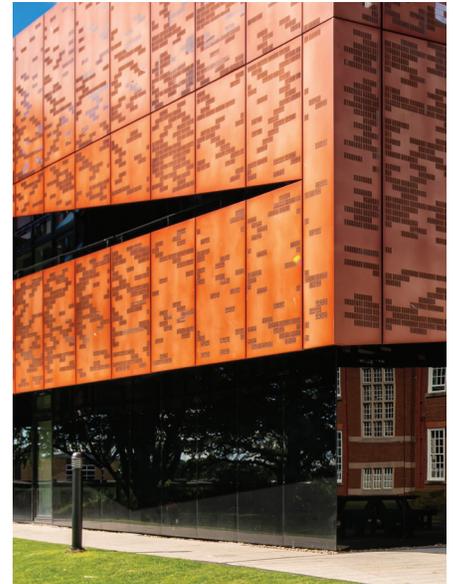
Tempered safety glass panels are bonded to unique StoVentec Carrier Boards in the factory, and then fixed to the sub-construction at the project site. The glass panels are manufactured in custom shapes and sizes to suit individual requirements. As well as being available in any RAL or custom color, with reflective, non-reflective or metallic finish, they can also be screen printed with individual logos or designs. The project included perforated Adapta cladding that was supported on a structural frame penetrating the StoVentec Glass. This necessitated close and careful coordination between the architect, Craft Interior and Sto to ensure that the cutouts in the glass mirrored exactly the location of the steel beams.

“The result on this project is a stunning piece of architecture that all parties should be proud to have been involved with, and that is extremely important on a high-profile project such as this.”

Graham Chadwick | Craft Interior

The manufacturing process includes the fusing of colors on to the back of the glass, before the toughening process. The color melts into the glass providing permanent colored glass panels that will not wear, scratch, fade, or incur water damage.

“We have installed the StoVentec Glass system previously on several projects, but this one was without doubt the trickiest in terms of design and coordination. The positioning of the StoVentro™ Agraffe Profile to the rear of the Glass Panels ensures that the final install is a relatively quick and easy process” adds Graham Chadwick of Craft Interior. “The result on this project is a stunning piece of architecture that all parties should be proud to have been involved with, and that is extremely important on a high-profile project such as this.”



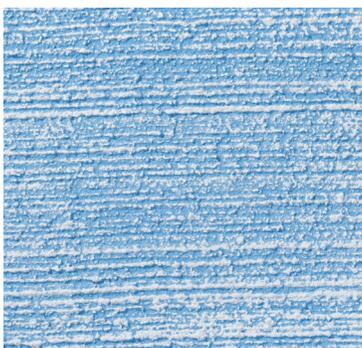


Inspiration favors the open mind

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, any material.

StoVentec rainscreen systems provide a wide range of aesthetic options and price points from glass, to stone, wood, mosaic and any combination in between. They bring form together with function in a complete, single source system, allowing you to create wall systems that are visually stunning, durable and thermally efficient. Imaginative design using StoVentec Glass, with the smooth, hard, reflective look of glass, can be accentuated with an adjacent StoVentec Render system. Featuring a wide range of color and texture options, StoVentec Render extends design possibilities, and helps you create a look that is uniquely appealing.

Creativity Begins. **Sto Finishes.**®



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