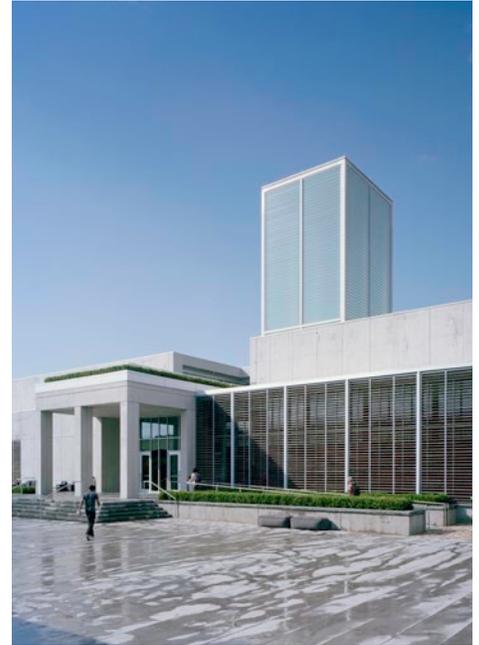
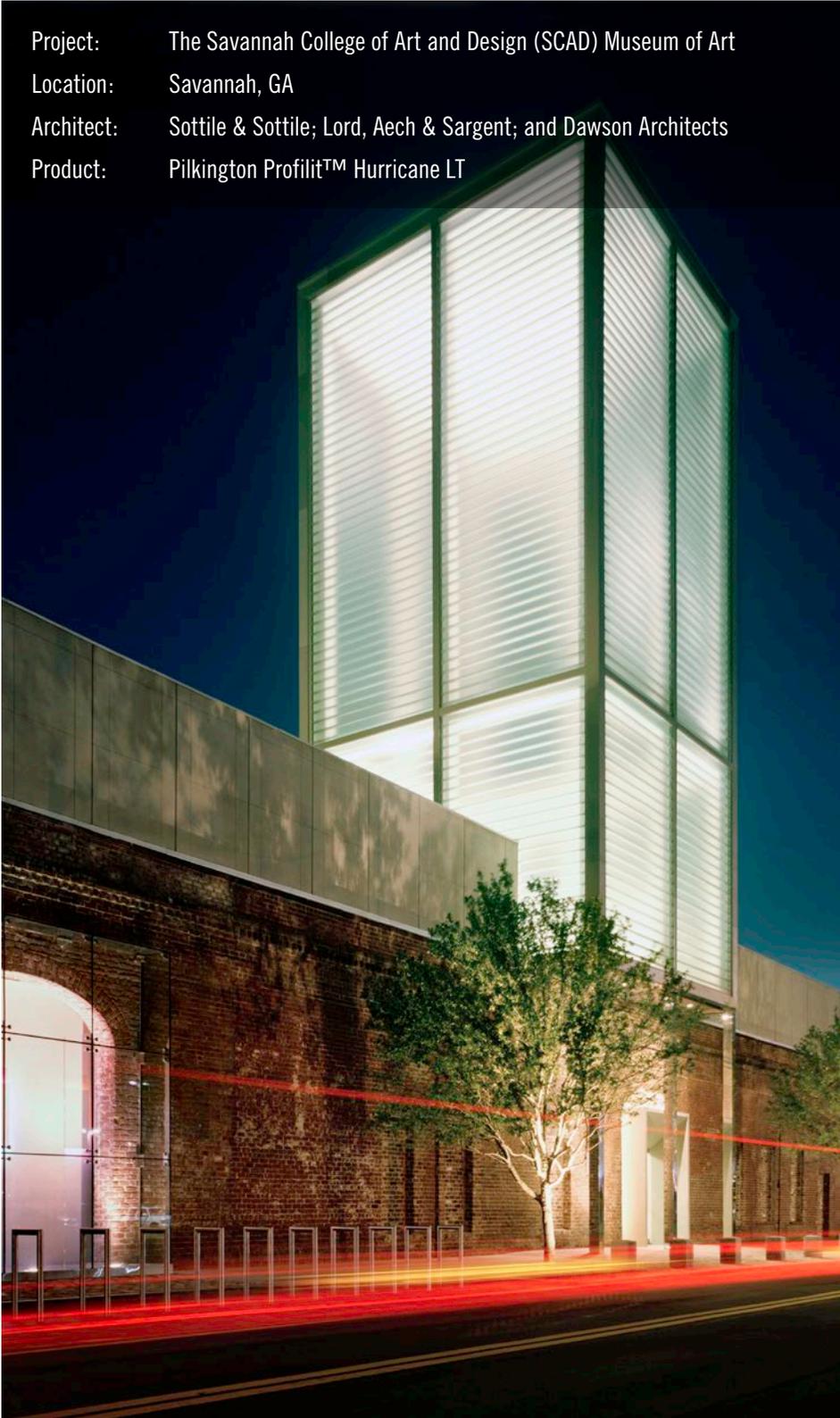


Project: The Savannah College of Art and Design (SCAD) Museum of Art
Location: Savannah, GA
Architect: Sottile & Sottile; Lord, Aech & Sargent; and Dawson Architects
Product: Pilkington Profilit™ Hurricane LT



Grafted onto the 19th-century brick remains of the Savannah College of Art and Design (SCAD) Museum of Art is an 86-foot tall, semi-transparent channel glass tower. It is the first application to use hurricane-rated channel glass in a horizontal, dual-glazed configuration without additional support.

To meet code, the installation needed to satisfy hurricane-rating requirements. In this instance, the glazing needed to be approved only for the Small Missile Impact Test since the tower starts 30 feet above ground level. However, at the onset of the project, only Large Missile Impact Test approved channel glass was available. While such channel glass provides extra protection, the strict design and glass orientation limitations necessary to meet code hindered the original design intent.

To satisfy aesthetic goals and adhere to building codes, Technical Glass Products (TGP) developed Pilkington Profilit™ Hurricane LT. The heat-strengthened and filmed cast-glass channels and extruded perimeter frame were tested and approved in accordance with ASTM E 1886-06 at +45 PSF and -72 PSF, as well as ASTM E1996-06 for exterior windows impacted by windborne debris in hurricanes.

Providing small missile resistance, the channels can be installed in horizontal and vertical applications, which allows for greater design versatility. This enabled the creation of the standalone tower of horizontally installed channel glass strips. The tower punctuates the Savannah skyline and serves as a beacon for the museum – especially when backlit at night.

Labeled, “a contemporary intervention,” by Christian Sottile, a dean of SCAD and principal of the firm Sottile & Sottile, in an *Architectural Digest* article, the beautiful old-meets-new project will serve as a landmark for years to come.

For more information on Pilkington Profilit Hurricane LT, along with TGP's other specialty architectural glass and framing, visit www.tgpamerica.com.

