

THE PRODUCT PUBLICATION OF THE U.S. ARCHITECTURAL MARKET

Architectural PRODUCTS

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MARKET OF CHOICE

Products for Hotel & Hospitality

PROJECT DECONSTRUCTION

Hotel Vitale, San Francisco, Calif.

SPECIAL REPORT

Neocon Recap: The DNA of Design

ACHIEVING LEED

What's involved in earning gold LEED certification? Bringing home 41 points was the bronzed aluminum-clad Macallen Building, which was judged to perform 15.4% better than ASHRAE requirements. Turn inside for the key products, materials and systems behind the points. [\[PAGE 112\]](#)



FABRIC:

Finish Safe and Clean

Victor Group Eco Intelligence initiatives will be the exclusive mill distributor of GreenShield finishing from G3 Technology Innovations, an ecological nanotechnology-based stain and water repellent. Eco Intelligent Polyester fabrics finished with GreenShield are certified Cradle-to-Cradle Silver by MBDC. Certification of a finished product required the evaluation of Victor's facilities within the five categories including Materials, Nutrient (Re)utilization, Energy, Water and Social Responsibility.

Typically, the environmental standing of an Eco Intelligent Polyester fabric was lessened when a finish was added. In order to offer designers greener fabric choices, the Victor Group and GreenShield collaborated to create polyester fabrics with a safe, ecologically responsible finishing.

GreenShield technology uses the principle of micro-roughness to reduce the use of harmful fluorochemicals on fabrics. Micro-roughness works at a molecular level to create a pocket of air between the fabric and water and/or oil, creating a natural repellent. According to Victor Group, its fabric and finish combo uses approximately five times less fluorochemicals than regular finishing. This unique combination can also help contribute to LEED-CI points through innovation and design, materials and resources and indoor environmental quality categories. GreenShield is also certified by Scientific Certification Systems as an Indoor Advantage Gold product and as a Low Fluorocarbon treatment product. Visit www.greenshieldfinish.com or Circle 522.

FENESTRATION:

Integrated Window System

Centria has announced a unique partnership with **Kalwall Corp.** translucent daylighting systems. They have co-designed the Formawall Dimension Series Integrated Translucent Window System.

Manufactured by Kalwall, these Translucent Window Systems are designed to install easily with Centria 3-in. Formawall Dimension Series panels. The integrated solution will only be available from Centria and Centria-authorized dealers.

In addition to an aesthetically pleasing product, the performance is key. Common joinery elements

provide a seamless exterior package and are tested to meet specific wind, rain and air movement as well as aesthetic requirements.

Lightweight, but durable, the Integrated Translucent Window System combines the beauty and good sense of diffused, natural museum-quality interior lighting with the functional qualities of high insulation, shatterproof construction and low maintenance. The system is available in a variety of widths, patterns and more than 60 standard colors, including micas and metallics. Visit www.centria.com or www.kalwall.com or Circle 521.



PAINT:

Covering That Insulates

Nansulate is **Industrial Nanotech's** patented line of specialty coatings containing a nanotechnology-based material which provides the combined performance qualities of thermal insulation, corrosion prevention and mold resistance in a water-based, coating formulation.

Nansulate HomeProtect Interior, a white, tintable interior coating, and Nansulate HomeProtect ClearCoat, a translucent, exterior coating, are the newest products added to the current line of protective coatings designed

for heavy industry. Industrial Nanotech's coatings can be applied to office buildings or commercial facilities to reduce energy consumption and the growth of mold.

The products were specifically developed as a result of testimonials sent by customers who had used the industrial products for residential applications. And with rising energy costs, the company felt this was an ideal time to introduce it. Visit www.industrial-nanotech.com or Circle 520.