

Packing a

As coastal communities along the Atlantic Seaboard prepare for another hurricane season, this guide to new products could make significant impacts in protecting against damage from wind and debris. Impact-resistant products listed here are meeting stringent building codes that are now taking effect in low-lying and wind-prone communities.

PUNCH

Industry Makes Strides With Hurricane-Resistant Products

CGI Introduces Single-Hung Impact-Resistant Window

Construction Glass Industries (CGI) in Miami is introducing the

impact-resistant Series 360 single-hung window, which has passed Florida's stringent building code requirements for impact-resistant

products. It is available in sizes 54-x 96-inches and 42-x 120-inches and has design pressures of +100 and -210 pounds per square foot. It is available in standard white, bronze or driftwood ESP paint finishes. The windows also feature Vanceva® Storm laminated glass.

▶▶ www.cgiwindows.com



Kawneer Products Offer Wind-Borne Protection

Kawneer Co. Inc. in Norcross, Ga., has available a wide range of hurri-



DuPont Glass Creates Hurricane-Resistant Glazing Solution

DuPont Glass Laminating Solutions, headquartered in Wilmington, Del., is introducing a new glazing solution that meets the requirements for large-missile impact resistance without the use of structural sealants. According to the company, the new product, Dry Glaze SentryGlas® Plus, is also economical to install.

Dry Glaze SentryGlas Plus uses structural interlayers instead of PVB-based interlayers to eliminate adhesive bonding of the glazing infill to the framing system. The company says it is 100 times stiffer and five times tougher than PVB, allowing for greater protection of commercial facilities in hurricane-prone areas. In addition, Dry Glaze SentryGlas Plus has an ultra-clear appearance with edge stability. The impact-resistant laminated glass solution meets performance criteria and building code requirements for hurricane-prone areas.

▶▶ www.dupont.com/safetyglass/

To read more about the industry's latest hurricane products and advancements, see the July 2007 USGlass, starting on page 38.

cane-resistant products that meet Miami-Dade County requirements including curtainwalls, entrances, framing and windows. According to company information, its hurricane-resistant products minimize vulnerability to penetration by wind-borne debris and reduce the chain of destruction during a hurricane.

► www.kawneer.com

UV Glass Laminating System Offers Lasting Protection

Cytec Industries Inc. in Smyrna, Ga., offers its UVEKOL® glass laminating system for added safety and security as well as acoustic and design benefits for window and doors. The company says



Weather Stopper™ Window Ensures Durability

Silver Line®, headquartered in North Brunswick, N.J., is promoting its line of products that can resist the penetrating effects of severe winds and air-borne debris such as tree branches, signposts, building materials and even outdoor furniture. The Weather Stopper™ impact-resistant window line is designed to meet stringent ASTM testing standards for impact and wind pressure cycling as well as Miami-Dade County codes that rigorously test a window's ability to resist debris impact. The window safety glass contains a specially designed plastic interlayer for safety and security.

► www.silverlinewindows.com



UVEKOL has consistently passed large-missile impact, static load and cyclic pressure load tests for hurricane applications and is less costly than traditional PVB lamination.

► www.uvekol.com

Stormchaser™ Enhancements Exceed Impact Requirements

REHAU in Leesburg, Va., is making its STORMCHASER™ hurricane-impact product line available to coastal communities. Its single-hung and picture window designs are available in two versions: —an integral J-channel for new construction and a box frame for replacement applications. The company says STORMCHASER has met or exceeded the impact testing requirements for the Florida Building Code and Texas Department of Insurance.

► www.rehau.com

Acurlite Testing Hits the Spot

Acurlite Structural Skylights Inc. in Berwick, Pa., has completed Zone 1 large missile impact- and hurricane-resistant testing for its skylight system with 1 5/16-inch insulating glazing successfully. This system meets the requirements of the Florida Building Code 2004 TAS 201, 202 and 203 protocols. The company is offering this newly engineered product to hurricane-prone areas, as well as for large-missile impact protection for government buildings. Acurlite's skylight system is a pressure-equalized, interlocking, commercial sloped glazing system with internal sloped gutters that channel the water away if it breaches the exterior surface, preventing water from entering a building.

► www.acurlite.com