

## hurricane-resistant products Horton Hatches a Hurricane-Rated Door

Horton Automatics in Corpus Christi, Texas, a manufacturer of automatic entrance systems, has obtained Dade County approval on a hurricane package that is rated at 80 pounds per



square foot (psf). The new HD-Storm™ series is a type-110 14-foot by 7-foot 8-inch package that features a modified narrow stile and is available in impact and non-impact glass.

The impact version features a 3/16-inch glass, heat strengthened with a Solutia VS02 interlayer, while the non-impact unit features 1/4-inch tempered glass. The new door is powered by the company's series 2001 operator.

► [www.hortondoors.com](http://www.hortondoors.com)

## Sungard® Sheets Meets Hurricane Building Standard

Spartech Corp. in Clayton, Mo., a producer of engineered plastic sheet, polymeric compounds and engineered products, announced that its Sungard Ultra Weatherable polycarbonate sheet has received a notice of acceptance from the Miami-Dade County, Fla., building code office. Sungard sheet was found to comply with the Florida state building code as well as requirements for materials used in high-velocity hurricane zones.

According to information from the company, skylights and shutters made from Sungard sheet have impact resistance that withstands most environmental conditions without sacrificing clarity or strength.

► [www.spartech.com](http://www.spartech.com)

## Shwinco and Solutia Join to Protect

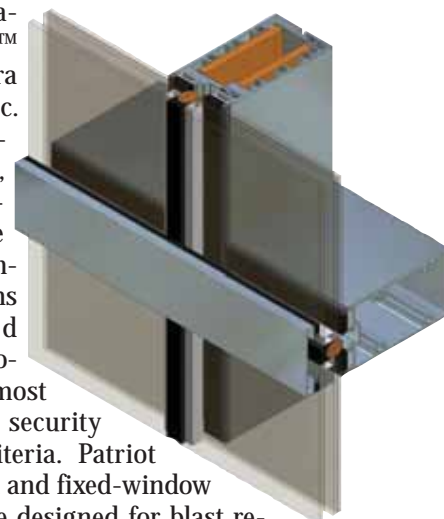
Shwinco Industries in Lynn Haven, Fla., a coastal manufacturer of custom vinyl windows and doors for heavy commercial and residential buildings, has teamed up with Solutia Inc. in St. Louis to offer code-approved hurricane

protection products made with Keep-Safe® Maximum laminated glass. Doors and windows made with Keep-Safe Maximum glass are certified, code-approved and have passed Florida's tough building code requirements. Other benefits include security, sound reduction and solar protection.

► [www.shwinco.com](http://www.shwinco.com)

## Install a Patriot

The Patriot Series™ from Accura Systems Inc. in Sunnyvale, Texas, is a comprehensive line of framing systems engineered to accommodate the most stringent security glazing criteria. Patriot curtainwall and fixed-window systems are designed for blast resistance, ballistics, hurricane-impact and forced-entry protection. The products typically are provided factory-assembled and -glazed to ensure quality and performance.



► [www accurasystems.com/patriot](http://www accurasystems.com/patriot)

## Armorcoat® Stands Guard

Solar Gard Armorcoat® window film from Beakaert Specialty Films in San Diego is a proactive hurricane safety measure that requires no maintenance and includes warranty coverage. The manufacturer says it has met impact requirements for some of the most stringent government and consumer testing and has been field tested for more than 20 years. It is made from high-quality materials such as high-tensile polyester and ultra-strong mounting adhesives that reinforce glass to make windows more shatter-resistant and helps hold dangerous shards in place upon and after impact.

► [www.solargard.com](http://www.solargard.com)



## Llumar® Film Passes Hurricane and Bomb Blast Tests

Results from the Hurricane Test Laboratory LLC and Factory Mutual Global Group (FMGG) showed that hurricane- and blast-resistant window film from Llumar®, a part of St. Louis-based Solutia, can help provide protection against water and wind-borne debris penetration during hurricanes and from flying glass in the event of bomb blasts.

LLumar 8-mil clear film was applied to tempered glass and tested to meet FMGG's small missile requirements. The film also passed subse-

quent cyclic tests. The clear film was the only film to pass the missile level "D" requirements when tested in combination with additionally fortified window systems. Eight-mil solar film was applied to annealed glass and tested to meet ASTM E 1886/1996 large missile level "C" requirements, along with subsequent air, water, structural and cyclic tests.

► [www.lumar.com](http://www.lumar.com)

### software ERP is "Ware" It's At

Glassware V4.0 from Simplicity Computer Solutions is a specialized end-to-end enterprise resource planning (ERP) solution for the flat glass manufacturing and commercial glazing community, specifically glass fabricators, glass distributors and glazing contractors. According to the company, this cost-effective, highly configurable and simple-to-use glass-processing software system is a completely scalable solution capable of running any size or type of operation. The modular design allows customers to purchase only those modules that they require to meet the needs of their operations.

► [www.simplicitycs.com](http://www.simplicitycs.com)

### Click for Energy Efficiency

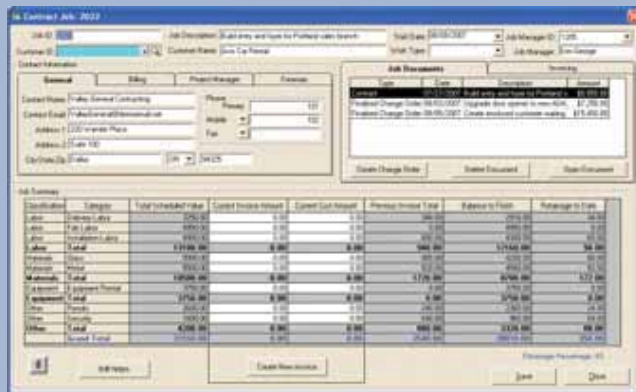
DesignBuilder Software in Amherst, Mass., has released a new energy analysis



program for evaluating fenestration options in commercial buildings. EFEN is a next-generation energy analysis tool using EnergyPlus simulation engine and intelligent building generator. It is packaged in a user-friendly program for quick analysis in the early stages of design, comparative energy analysis of dif-

### GTS Helps Glaziers Get it Together

GTS Services in Portland, Ore., has released the GlasPac®LX Glaziers Edition to help glaziers manage their jobs. GlasPacLX keeps all job-related documents together, giving users complete visibility into all contract jobs. They



can easily view estimates, contracts, change orders, compliance documents, check lists and accounting details, and assign unlimited categories that seamlessly map to existing accounting system. Jobs can be review and analyzed by customer, manager or work type.

The company is also now offer marketing services to assist glass industry companies in improving their websites.

► [www.gtsservices.com](http://www.gtsservices.com)

ferent fenestration options and prediction of the whole building energy use and prediction of the size of HVAC equipment. According to information from the company, the software features a library of more than 500 windows, or the user can enter their own.

► [www.designbuildersoftware.com](http://www.designbuildersoftware.com)

### HP3 Plans Ahead for Working on the Fly

The newly developed furnace optimization software from HP3 Software Inc. in Sewickley, Pa., maximizes the use of the furnace's bed-space by optimizing the way in which each individual lite is placed onto the conveyor. The software further increases the system's efficiency by allowing the user to change the pieces it works with in the middle of a batch. This is

accomplished by implementing the company's BatchBan® batchless optimization algorithm, which allows the software to adapt quickly to the changing input.

In addition, the company has re-engineered its BatchBan software to fit on most glass cutting equipment. This uniquely designed and patented software has the ability to handle an entire day, week or month's worth of production in a batchless format.

► [www.hp3software.com](http://www.hp3software.com)

