

## New DASMA Entity: Green Building Committee



DASMA is considering the development of a Green Building Committee for the association. The new committee would monitor and respond to new green building guidelines, standards and rating systems, state and local green ordinances, and consumer awareness.

The effort is one result of DASMA's Green Building Forum for door manufacturers, held in Cleveland on April 1. Each of the four DASMA Active Member divisions may be involved in the new committee.

In June, an initial green work group discussed drafts of some exterior door-related Technical Research Documents and Technical Data Sheets. These documents will expound on various green building aspects including U-factor, solar heat gain, air infiltration, packaging materials, product longevity, recycled content, door component origin, rapidly renewable materials, wood material certification, urea-formaldehyde, and volatile organic compounds. ■

## Georgia Considers Licensing of Gate Operator Installers

This summer, a hearing is expected in Georgia on state legislation that would require state licensing for automated vehicular gate operator installers and fence contractors. The Georgia Legislative Council assigned the bill to the Sunrise Committee, which will hold the hearing.

Georgia began considering the legislation in January. Georgia House Bill 218 was developed with the input of American Fence Association representatives and has been revised using input from DASMA representatives, staff, and legal counsel.

Among other provisions, the bill provides for the creation of a board of industry participants to oversee licensing functions and prepare and approve appropriate examinations. Hopefully, the final legislation will allow the industry-sponsored certification program examinations to fulfill the testing requirements.

Naomi Angel, DASMA legal counsel, says the legislation has the potential to serve as a template for legislation in other states. Angel expects its passage during the 2010 legislative session. ■

## Architects Say Durability Is Top Green Attribute

Architects say durability is the most important attribute for a green building product, according to a new industry survey announced in May by PPG Industries. After durability, the top attributes were Energy Star compliance, life-cycle assessment, no- or low-volatile organic compound (VOC) content, and the ability to source products regionally.

Durability also is the most important attribute among building products in general, ranking slightly ahead of price. Product warranties, features, and technical support were named by approximately two in five architects.

The study also revealed that, among building product manufacturers, Armstrong (37 percent) and USG (35 percent) are perceived most often as green building leaders. Kohler, Owens-Corning, DuPont, Johnson Controls, and PPG are among other companies identified as green leaders.

The online survey was completed by 612 qualified architects, representing a cross-section of U.S. architects by firm size, geography, job title, and years of experience. ■

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## DASMA to Propose Nine Code Changes



After June 1, when the new International Code Council (ICC) code development cycle began, DASMA planned to submit a record nine proposals. For the first time in code development history, the ICC is now using a three-year cycle.

Until 2000, regional codes were revised annually. After the ICC was formed in 2000, codes were revised every 18 months. With the new three-year cycle, ICC staff is preparing for a record number of submittals and will be staggering the handling of code proposals across the entire period.

Current needs compel DASMA's proposed code changes. These include:

### International Building Code (3 proposals)

- Expand UL 325 requirements to include rolling doors
- Apply the accessibility of "upward acting doors" to self-service storage facilities
- Reference rolling doors for ANSI/DASMA 108 wind-load testing requirements

### International Residential Code (3 proposals)

- Require automated vehicular gates installed on the lots of one- and two-family dwellings to comply to UL 325 and ASTM F2200
- Reference ANSI/DASMA 115 for windborne debris-resistance testing for garage doors
- Use the term "garage door" consistently throughout the code

### International Property Maintenance Code (3 proposals)

- Provide maintenance-related provisions for doors, gates, and operator systems

Joe Hetzel, DASMA technical director, says that DASMA's involvement in the code development process brings clarity to aspects of industry products that are enforced by codes. "We are continually working to enhance the industry reputation and trust within the code development community," he says. ■

## Fall Technical Forum Slated for October

The DASMA 2009 Fall Technical Forum will be held in conjunction with DASMA technical meetings during the week of Oct. 5 at a location yet to be determined.

DASMA members have identified several topics for consideration at the forum. Possible topics include LEED building analysis (presented by an AIA member), a U-factor simulation demonstration, seismic analysis of a building with a vehicular access door, a green activities update, "Code-Plus" insurance incentive programs, and more.

Final determination of subjects will depend on speaker availability and priority. The full forum schedule will be announced later this summer. ■

## U-Factor Research Project May Apply to Energy Tax Credit

DASMA is now pursuing a U-factor research project in three phases. The project, which



springs from the recent publishing of updated garage door and rolling door procedures in NFRC 100

(U-factor simulation standard) and NFRC 102 (U-factor validation test standard), may help to determine doors that qualify for the U.S. energy tax credit.

Phase 1, approved in May, involves affirming the simulation and validation procedures on an insulated rolling door, a polystyrene-insulated sectional garage door, and a polyurethane-insulated sectional garage door.

Phase 1 uses 7x7 doors as required by the NFRC 102 standard. If the doors tested meet or exceed a U-factor of 0.30, DASMA will consider how those values may be used by manufacturers in conjunction with the energy tax credit.

Phase 2 would research possible changes to the use of vertical jamb hardware in simulation and validation testing. Phase 3 would simulate various common garage door and rolling door sizes. ■

## 10 Topics Targeted for Technical Data Sheets

DASMA's committees are now developing Technical Data Sheets on 10 topics.

Topics include:

- Automated Vehicular Gate Emergency Access
- Placement of Photoelectric Eyes in Automated Vehicular Gate Installations
- Rolling Door Releasing Devices
- Special Considerations for Exterior Fir Rolling Sheet Doors and Accessibility
- Protection of Rolling Doors from Vehicular Traffic
- Wind-Load-Rated Garage Door Checklist
- Dock Doors
- Garage Door Component Substitution
- Green Aspects of Exterior Doors

Joe Hetzel, DASMA technical director, says that these topics can be initiated by either a DASMA member or someone outside of DASMA. If you have an idea for a Technical Data Sheet, please contact the DASMA office at 216-241-7333.

Technical Data Sheets, freely available at [www.dasma.com](http://www.dasma.com), are typically intended for use as guidelines, best practices, and/or interpretations of technical matters. The documents are generally written for dealers, design professionals, code officials, and consumers. ■



## FBC Developing Flood Resistance Provisions

In April, the Florida Building Commission heard recommendations for incorporating flood-resistance standards into the 2010 Florida Building Code. The effort was expected to clarify both technical and administrative matters for flood-prone areas in the state.

Joe Hetzel, DASMA technical director, says that the activity is worth monitoring because garage doors occasionally have vents to comply with flood provisions.

“Wind-related design has historically received a lot of attention in Florida,” he says. “The flood-resistance effort should help clarify the locations where flooding must also be considered.” The Commission is expected to act on a final proposal in December 2009. ■

## MBMA Preparing for Rolling Door Research Test

The Metal Building Manufacturers Association is preparing for a research test that



will take place this summer to examine wind-load-based forces exerted by a rolling sheet door on a metal building frame. The purpose of the research is to measure the magnitude of two directional forces on vertical jamb framing members.

DASMA representatives are expected to witness the testing. Since 2005, DASMA has been participating with MBMA to study the interfacing of garage doors and rolling doors with metal buildings.

“We fully support our cooperative efforts with DASMA,” says Lee Shoemaker, MBMA director of research and engineering. “Our goal is to improve the wind performance of rolling doors on metal buildings.” ■

## THE TOP FIVE

### The Most-Downloaded Technical Data Sheets

Downloads*	DASMA Technical Data Sheet
1,043	TDS 161 Connecting Garage Door Jambs to Building Framing
910	TDS 160 Sectional Garage Door Terminology
595	TDS 362 Garage Door Operator Pre-Wiring Diagram
574	TDS 162 Wood Door Finishing Guidelines
426	TDS 255 Guidelines for Fusible Links

\*Feb. 1 – May 1, 2009

More than 90 Technical Data Sheets are freely available at [www.dasma.com](http://www.dasma.com) under Publications ([www.dasma.com/PubTechData.asp](http://www.dasma.com/PubTechData.asp)). These documents have been prepared and are continually reviewed by the DASMA Technical Committees and technical staff. ■

## “Non-Traditional” Manufacturers Considered for Certification Program

Responding to member interest, the DASMA Commercial & Residential Garage Door Technical Committee is developing guidelines clarifying the participation of “non-traditional” manufacturers in the voluntary DASMA garage door certification program. The program, implemented in July 2008, is intended to encompass garage doors rated for wind load and windborne debris resistance.

“Non-traditional” manufacturers include companies that purchase sections and/or components from another source. The guidelines are intended to address such items as agreements, responsibilities, component identification, product labeling, and audit locations.

“A changing marketplace must accommodate the different means by which garage door assemblies are put together and sold,” says Angus Lewis, chair of a related subcommittee. ■