

## DASMA Fall Forum Spurs New Initiatives

### Hetzel Identifies Top 10 Action Items

Held Oct. 5-8, in Chicago, the ninth annual DASMA Fall Technical Forum featured 13 speakers on several topics of urgent interest to the industry. The event attracted representatives from more than 25 DASMA member companies.

“The large amount of relevant information that was discussed spurred several meaningful activities on new and longstanding subjects,” says Joe Hetzel, DASMA technical director.

Hetzel identified the top 10 action items from the event.

1. Refine the details associated with the interface between rolling steel doors and metal building framing.
2. Submit a comment to UL staff regarding balloting of releasing device provisions proposed for UL 864.
3. Finalize Phase 1 of the DASMA U-factor Research Project.
4. Develop separate Green Building checklists for each DASMA division.
5. Submit a comment pertaining to the revised ASHRAE 90.1 air-infiltration requirements for garage doors and rolling doors.
6. Develop a MasterFormat spec for high performance doors.
7. Form a Seismic Ad Hoc Committee to develop a seismic performance strategy.
8. Meet with the Texas Department of Insurance to refine product submittal requirements.
9. Further define the relevance of the DASMA garage door certification program.
10. Schedule presentations on Building Information Modeling (BIM) for 2010.

“All DASMA member companies affected by these technical activities should make the fall forum a ‘do not miss’ event,” says Mark Sawicki of Overhead Door, a forum attendee. “This event alone should be an incentive for companies to be involved with DASMA.” ■

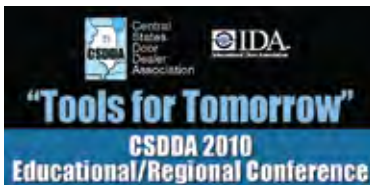


## CSDDA Holds Regional Conference in March

“Tools for Tomorrow” is the theme of the Central States Door Dealer Association regional conference to be held March 5-6, 2010, in Bloomington, Ill.

Friday, March 5, features seminars and a dinner banquet. Saturday, March 6, features breakfast, a membership meeting, seminars, and IDEA testing.

Seminars include Social Networking in a Wireless World, Manlift Certifications, Scheduled Maintenance Programs/Fire Door Contracts, IDEA Testing, Identifying and Managing Your Company Insurance Needs, Staffing Trained Personnel for the Recovery, and a SuperTech session on Commercial Operator UL325 and Troubleshooting. For more information, go to [www.csdda.com](http://www.csdda.com). ■



## Indicator Points to Recovery in 2010

The declines in owner spending on home improvements will moderate through the first half of 2010, according to the Leading Indicator of Remodeling Activity (LIRA). The Indicator is a project of the Remodeling Futures Program at the Joint Center for Housing Studies (JCHS) of Harvard University.

The indicator suggests the remodeling industry is turning a corner. A strengthening economy could produce spending increases on home improvement projects by the second quarter of 2010, says Nicolas Retsinas, director of JCHS.



Nicolas Retsinas, JCHS

Some positive signs are favorable financing costs and a pickup in home sales. The next LIRA release date is January 21, 2010. ■

## U-Factor Research Affirms Tax Credit Qualifications

In recent DASMA-sponsored U-factor testing, the insulated doors that were tested had U-factors less than 0.30. This meets the current U-factor requirements of the U.S. Energy Tax Credit.

In preparation for the eventual inclusion of garage doors in the Energy Star program, DASMA is developing testing and performance requirements specifically for garage doors.

The research project has now completed two of three planned phases. One phase affirmed the NFRC 100 simulation and NFRC 102 validation testing procedures for garage doors and rolling doors, as an alternative to ANSI/DASMA 105. The second phase involved developing a matrix of U-factor values for common garage door and rolling door sizes.

Mike Thoman, director of thermal testing and simulations for Architectural Testing, has been helping to include and refine garage door and rolling door related provisions to the NFRC documents. He says, "The NFRC provisions should yield results consistent with what the industry has obtained in the past when testing to ANSI/DASMA 105, but will promote flexibility by use of simulations."

The third phase, involving studying vertical jamb hardware, is expected to be pursued in 2010 along with some additional refinements to NFRC 100 and NFRC 102. ■



## New Committee Tackles Seismic Effects on Doors

As a result of discussions at the 2009 DASMA Fall Technical Forum, DASMA has formed an ad hoc committee to recommend activities about the effects of seismic activity on the industry's doors. The committee includes technical representatives from the DASMA Rolling Door, Commercial & Residential Garage Door, and High Performance Door divisions.

The committee will consider:

- Further developing a calculation template, drafted with input from each division.
- Developing a Technical Data Sheet on doors and seismic events and a Technical Research Document on door analysis procedures.
- Reviewing current DASMA standards and Technical Data Sheets to see if seismic provisions should be added.
- Reviewing existing codes and other standards for door functionality requirements.
- Conducting full-scale and/or component-based testing.

The committee's recommendations will likely consider factors such as door type, seismic design category, building occupancy, applied forces, and building displacement.

Joe Hetzel says the effort is a result of job specifications increasingly requiring seismic analysis documentation.

"We are striving to provide industry-based analysis that identifies successful designs," he adds. ■



## Five DASMA Proposals Approved by ICC

In October and November, DASMA staff attended ICC code change hearings in Baltimore to track several DASMA-related submittals. The hearings determined changes to the 2009 International Codes, to be published in the 2012 editions.

Of our nine proposals, DASMA had five proposals approved, three disapproved, and one withdrawn at DASMA's request. Approved proposals include the following:

- Referencing rolling doors for ANSI/DASMA 108 wind-load testing requirements in the International Building Code (IBC).
- Referencing ANSI/DASMA 115 for windborne debris-resistance testing for garage doors in the International Residential Code (IRC).
- Using the term "garage door" consistently throughout the IRC.
- Providing maintenance-related provisions for door operator systems associated with exterior structures in the International Property Maintenance Code (IPMC).
- Providing maintenance-related provisions for gates and gate operator systems associated with exterior structures in the IPMC.



Three proposals were disapproved. One sought to address self-service storage facility accessibility as applying to "upward acting doors" in the IBC.

Another proposed to require automated vehicular gate compliance to UL 325 and ASTM F2200 for gates installed on the lots of one- and two-family dwellings in the IRC. The third provided maintenance-related door and gate provisions for accessory structures in the IPMC.

The proposal withdrawn at the request of DASMA members was to expand the existing IBC reference to UL 325 requirements to include rolling doors. ICC will take final action on proposals in 2010. ■

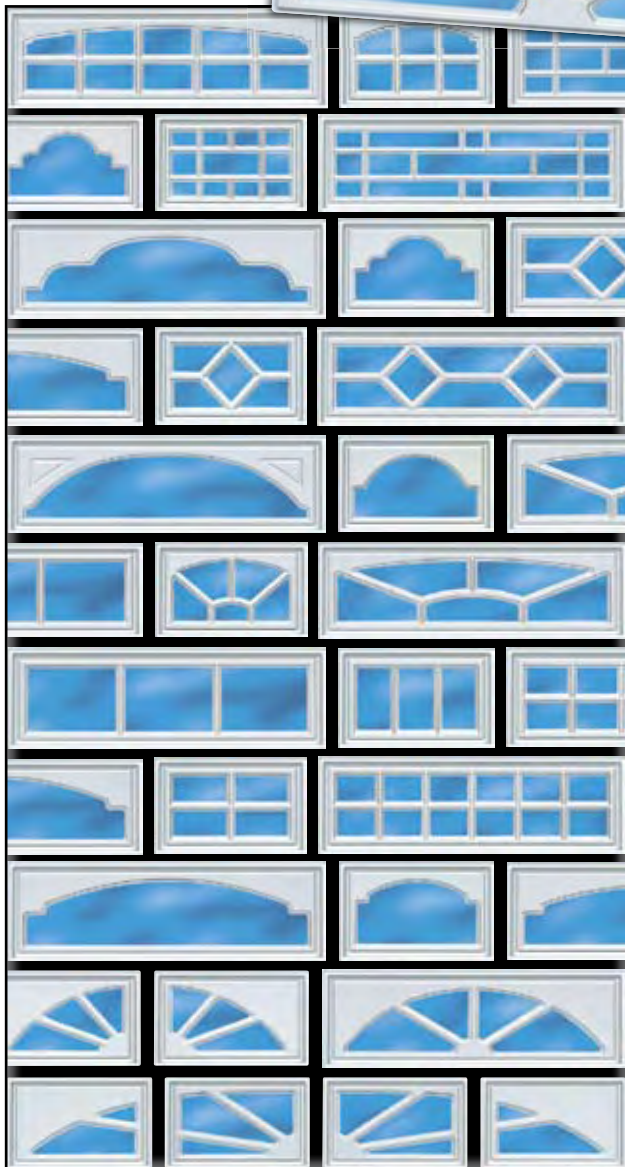


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**DASMA Green Documents Being Developed**



At the 2009 DASMA Fall Forum in Chicago, DASMA members pushed for continued development of Technical Research Documents (TRD) and Technical Data Sheets (TDS) on green building issues.

The Green Building Checklist continues to be refined and tailored for each DASMA door product. The Checklist identifies applicable test standards, the major green building rating programs, criteria, and the sources of the criteria.

A commentary for each Checklist item is also being developed to offer additional background information. Another document, Development of Green Building Programs, has been finalized and assigned a TRD number (1046).

Other green documents in production include LEED Applications for Door & Access Systems Products (TRD) and Green Requirements for Door & Access Systems Products (TDS). ■

**MBMA Research Progresses**

In August, several industry engineers participated in a research test conducted by the Metal Building Manufacturers Association at DBCI facilities in Douglasville, Ga.

The research tested the effects on metal building framing when a wind load is applied to wall framing that contains a 10' x 10' rolling sheet door. ■



*(From left) Joe Hetzel, DASMA; Jason Allen, MBCI; Lee Shoemaker, MBMA; Bray Allen, DBCI; Cris Moen, Virginia Tech; Dan Walker, MBMA; Tian Gao, Virginia Tech; Jerry Hatch, NCI Building Systems; Tom Murray, Virginia Tech.*



### The Most-Downloaded Technical Data Sheets

Downloads*	DASMA Technical Data Sheet
864	TDS 161 Connecting Garage Door Jamb to Building Framing
708	TDS 160 Sectional Garage Door Terminology
636	TDS 163 Garage Door R-Value
481	TDS 362 Garage Door Operator Pre-Wiring Diagram
470	TDS 353 Gate Operators and the UL 325 Standard

\*Sept. 1 - Nov. 30, 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. ■

### ASHRAE Approves DASMA Proposals on Air Infiltration

ASHRAE has approved a DASMA proposal to exempt rolling steel doors from certain air-infiltration requirements. Another DASMA proposal would require garage doors to meet a certain air-infiltration limit.

The subcommittee representing the ASHRAE 90.1 standard (Energy Standard for Buildings Except Low-Rise Residential Buildings) approved the DASMA-proposed revisions. The ASHRAE 90.1 standard is being revised for its 2010 version.



One revision to the standard would now exempt rolling steel doors from air-infiltration requirements in doors that are installed in semi-heated spaces throughout most of the continental United States. Another revision to the standard would require garage doors to meet an air-infiltration limit that is achievable and acceptable for the building's energy efficiency. ANSI/DASMA 105 continues to be referenced as an acceptable test option.

The revisions entered the public comment phase in November 2009. Joe Hetzel says DASMA will send ASHRAE further recommendations to address high performance doors and glazed sectional doors. ■

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