



## Triennial R+T returns in 2018

From Feb. 27-March 3, 2018, the R+T show will return to Stuttgart, Germany. The huge show, held once every three years, features roller shutters, doors/gates, and sun-protection systems.

Comfort, security, and safety will be featured themes at the show. In the new Paul Horn Halle (Hall 10), the show will highlight what doors and gates and their components can and must do today, how demands can be analyzed, and how quality can be assured. This theme will be complemented by a special forum organized with the National Federation of Door and Gate Manufacturers (BVT).

R+T has been showcasing industry products for over 50 years. In 2015, 888 exhibitors from all corners of the world presented their products and services to 59,057 visitors from 131 countries. ■

## Trends and innovation at R+T Asia 2018



From March 20-22, 2018, R+T Asia brings its showcase of roller shutters, doors/gates, windows, and sun protection systems to Shanghai, China. The exhibition area is expected to reach 540,000 square feet, attracting more than 520 exhibitors and more than 30,000 professional visitors.

The show's new "Hospital Forum" is spurred by the new medical reform policy in China, which is expected to bring long-term growth for hospitals. The forum covers hospital construction design and hospital door applications.

Smart home products will also be featured, as that market is estimated to reach \$122 billion by 2022. Energy saving will also be a focus, as China and other Asian countries have put a high priority on energy efficiency with ambitious efficiency targets. More show information is at [www.rtasia.org](http://www.rtasia.org). ■

## Smart home devices expected to grow rapidly

In November, Parks Associates announced new research showing that 41 percent of U.S. broadband households plan to purchase a smart home product in the next 12 months, while 27 percent have high purchase intentions. The most popular devices include smart smoke/CO detectors, thermostats, and lightbulbs. The research firm predicts that U.S. broadband households will buy almost 55 million smart home devices in 2020.

IoT (Internet of Things) and the Smart Home will be a theme of the 12th annual Connections Summit ([www.connectionssummit.com](http://www.connectionssummit.com)) on Jan. 9 at CES 2018 in Las Vegas. The summit will discuss strategies to educate consumers, reduce price sensitivity, and enable new uses for smart home products.

Parks Associates research also shows that the security industry is the largest channel for smart home systems and a strong channel for numerous smart product categories, including door locks and networked video cameras. ■

## UL warns about zip ties on GDO emergency release

In November, UL released a video and several resources on why homeowners and technicians must not zip-tie the emergency release cord on a garage door. As reported in the summer 2014 issue of this magazine, several media news stories have wrongly urged the use of zip ties to thwart break-in attempts by thieves who use coat hangers to pull the emergency release cord/latch.



The safety experts at UL strongly advise against this zip-tie tactic because it disables the garage door system's main safety mechanism. To help consumers avoid the dangers of using a zip tie, UL has compiled 10 helpful tips for securing garage doors without tampering with safety mechanisms. These tips and other resources can be found at [www.ul.com](http://www.ul.com); search for "10 Home Security and Garage Door Safety Tips."

UL has also created a video on the effect that zip ties have on garage doors. The video is at [www.vimeo.com/236143759](http://www.vimeo.com/236143759). ■

## 17th DASMA Fall Forum addresses hot technical issues

From Sept. 19-21 in Chicago, DASMA held its 17th Annual Fall

Forum, the industry's technical event of the year. The event attracted its highest attendance since

2007 and featured four meetings and 13 forum sessions addressing most of DASMA's hottest technical items.

Speakers included representatives of UL, ASTM, ICC, MBMA, and two DASMA Associate Member companies. Other forum presentations involved fasteners, specifications, and wind load.

As a result of the forum, DASMA will pursue the following activities:

- Creation of a number of new DASMA Technical Data Sheets.
- Creation of a number of Technical Research Documents.
- Development of a number of new proposals involving energy, fire, and safety.

Joe Hetzel, DASMA technical director, said the forum continues to break new ground for the industry. ■



## ASTM F2200 change approved

In October, the ASTM F14 Committee approved revisions to ASTM F2200, the standard for construction of vehicular gate systems intended to be automated. The changes were submitted to ASTM from the Automated Vehicular Gate System Coalition.

In addition to some editorial improvements, including clarifying that the gate system shall comply with both UL 325 and ASTM F2200, two important distinctions were made. One was that the existing gate must conform when the gate operator requires replacement, and the other was that a new gate must conform when replaced.

“Our ongoing effort to consider real-world installation experiences helps clarify and strengthen the standard,” said Rick Sedivy, a DASMA representative on the coalition.

The new standard, ASTM F2200-17, is available for purchase at [www.astm.org](http://www.astm.org). ■



## New TDS addresses gate system codes

In October, DASMA published a new Technical Data Sheet on ICC model code content involving automated vehicular gate systems. The document, TDS 383, was published by the Gate Operator & Access Control Point Systems Division and based on the efforts of DASMA staff and the Automated Vehicular Gate Systems Coalition.

The TDS includes descriptions of the codes and code sections of interest. It also includes a brief background on the development of the standards referenced in the ICC model codes.

Tom DeSilvia, coalition chair, said the TDS serves as a ready reference for learning both the code references and the history of the subject. “Ten years of effort to get the code content approved has created an ongoing opportunity for safer installations through code compliance,” he said.

The new TDS can be found with all other DASMA Technical Data Sheets at [www.dasma.com](http://www.dasma.com). ■



## UL 325 Standards Technical Panel considers key changes

From Nov. 15-16, producers and users of garage door and gate operators convened with other interested parties at the offices of UL in Northbrook, Ill., to discuss more than 30 potential changes to UL 325. The attendees, comprising the UL 325 Standards Technical Panel (STP), began discussions of potential key changes.

Key topics included:

- Constant-pressure override capability for gates.
- Class I and Class II gate speed.
- Class I pedestrian gate use exception.
- Slide-gate entrapment zones.
- Garage door power cord, unattended operation, and upward force.
- Laser and button battery usage.
- Edge sensor testing.

Steve Kuscsik, UL staff member and lead technical representative for the UL 325 STP, noted that no final voting takes place at the meeting, and not all topics reached agreement to proceed. “Any topic moving forward will be posted online, and the STP voting members must reach a consensus on a particular proposal before it is approved for publishing into UL 325.”

Look for more information in a future edition of Door + Access Systems. ■

## DASMA succeeds with ASHRAE proposal



In October, the ASHRAE 90.1 Committee unanimously approved a proposal to clarify door and fenestration terminology. The proposal was intended to better define key terms used to clarify how to determine corresponding requirements for thermal performance values such as U-factor.

The change defines an “opaque door” as having 50 percent glazing or less, which is common for DASMA products. It also defines “fenestration” as having greater than 50 percent glazing.

DASMA staff worked with the Builders Hardware Manufacturers Association (BHMA) on the proposal. BHMA’s interest in the changes for revolving and swinging doors was merged with DASMA’s interest in sectional and rolling doors.

John Woestman, representing BHMA, noted that the effort required support by a broad range of interests within ASHRAE 90.1. “Combining our efforts with DASMA helped accomplish this, thanks to the highly cooperative work with Joe (Hetzel) and key ASHRAE Envelope Subcommittee members,” he said.

The revised language, now opened for public comment, is expected to be included in the 2019 edition of ASHRAE 90.1. ■

## Hetzel leads Wildland-Urban Interface group



Due to the high-profile concern of wind-driven flying and burning embers during wildfires, the California Office of the State Fire Marshal (OSFM) has ramped up code activities leading up to the 2019 code development cycle. The Wildland-Urban Interface Section 7A Task Group has formed a number of subgroups to develop proposals.

Joe Hetzel, DASMA technical director, volunteered to lead Subgroup 1 on garage doors and openings. The objective was to develop, vote on, and submit proposals by Dec. 1, 2017.

Hetzel said the work considers evidence of needs, practical materials, and justifiable benefits associated with actions such as closing gaps between garage door edges and the adjacent perimeter construction. “We are reviewing information from an OSFM report, assessing where the problems really are and the right testing and materials to use,” he said.

The deadline for proposals for the 2019 cycle is March 2018. ■



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## DASMA seminars coming to 2018 Fencetech

In February 2018 in Phoenix, DASMA will sponsor two seminars at AFA's Fencetech event.

Steve Kuscsik of UL will join Automated Vehicular Gate Systems Coalition Chair Tom DeSilvia and DASMA Technical Director Joe Hetzel to present a UL 325 update. The seminar will be offered twice on Feb. 6 and may include some new developments.

On Feb. 7, the DASMA cast of characters will return to present a mock trial about an accident that involves an automated vehicular gate system. This realistic mock trial will highlight recent requirements and call attention to safer installations. ■

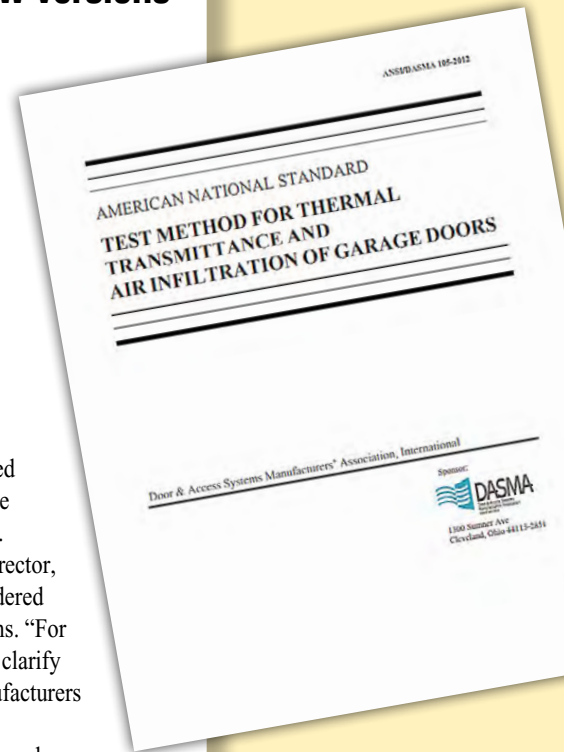
## DASMA publishes new versions of ANSI Standards

DASMA recently completed new 2017 versions of four of its standards through the American National Standards Institute process. These ANSI/DASMA standards include 105 (thermal performance), 108 (wind load), 115 (windborne debris resistance), and 303 (accessible communication entry systems.)

The new standards were all submitted to the International Code Council for updating where referenced in model codes. The 2018 model code editions were completed in late 2017.

Joe Hetzel, DASMA technical director, noted that the standards are all considered "equivalent" to their previous versions. "For this round, changes were intended to clarify and improve the standards, and manufacturers will not need to retest," he said.

The new standard versions will soon be posted at [www.dasma.com](http://www.dasma.com). ■



*continued on page 42*



# FEELING LOST IN THE CROWD?

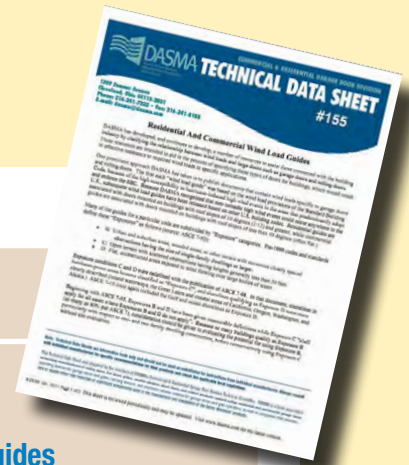
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## The most-used Technical Data Sheets

Page Views*	DASMA Technical Data Sheet
533	<b>Wind Load Calculator</b>
405	<b>TDS 155 Residential and Commercial Wind Load Guides</b>
335	<b>TDS 151 General Code Inspection Guidelines for Garage Doors</b>
184	<b>TDS 190 Factors Affecting Spring Cycle Life</b>
179	<b>TDS 154 DASMA Metal Gauge Chart</b>

\*Unique page views from Jan. 1-Nov. 15, 2017

More than 120 Technical Data Sheets are freely available at [www.dasma.com](http://www.dasma.com) under Publications. These documents have been prepared by and are continually reviewed and updated by the DASMA Technical Committees and staff. ■

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