

# The Masonry Society

## Sustainability E-News

### Product Category Rule for Brick Published

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#### SPONSORED EDITION

##### From the Editor

After many months of work, ASTM with support from the brick industry, has published a new Product Category Rule (PCR) for clay brick products. This is a significant milestone for the industry that allows for development of North American Environmental Product Declarations (EPD) for clay brick products including brick, pavers and structural clay tile. You can read about the new PCR in the article below and get a free copy of it on the [ASTM website](#).

In other news, resiliency continues to be a hot topic. The USGBC has published another LEED Pilot Credit, this one focused on passive survivability and functionality of buildings in the event of an emergency. There are many masonry strategies that are well suited to passive designs that rely on non-mechanical means for comfort and security. These include passive solar design with masonry thermal mass, use of glass block masonry to provide light while maintaining security, and even water capture systems utilizing permeable masonry pavements. Use of such strategies provides for robust designs that are less reliant on power and are durable under extreme events. You can read more in the links below.

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*NOTE: Inclusion in this newsletter is not an endorsement of the products and materials featured, nor have these products been evaluated by TMS or the editor. Furthermore, the views expressed in the articles featured are those of the article authors.*

##### CODES and STANDARDS NEWS

LEED Pilot Credits are increasingly moving into areas beyond the typical green building into complex areas of resiliency. The Passive Survivability and Functionality During Emergencies credit is one where design utilizing masonry can be a strong point. Read more about the credit in the article below. ~Tina

##### LEED Pilot Credit on Passive Survivability and Functionality

###### USGBC.ORG

The Passive Survivability and Functionality During Emergencies requires projects to meet any two of the three options in this credit - thermal resilience, back-up power, or access to potable water. The intent of Option 1: Thermal Resilience is to ensure that a building will maintain livable conditions in the event that all relevant power and thermal utilities are lost. Buildings that incorporate masonry thermal mass can be used to meet the credit criteria. Read more [here](#).

##### Task Group Members Needed for Sustainability Guide

###### ASTM.ORG

A task group is being established to review/revise E2432-11, Standard Guide for General Principles of Sustainability Relative to Buildings. Some consider this to be one of the founding documents in E60. A work item (WK55343) has been taken out to review/revise this standard and Deborah Callaway will serve as the technical contact. If you are interested in serving on the task group, please contact Deborah at [Deborah.Callaway@pabcoypsum.com](mailto:Deborah.Callaway@pabcoypsum.com). For more information visit <http://www.astm.org/DATABASE.CART/WORKITEMS/WK55343.htm>.

##### PRODUCT NEWS

We often include articles on innovations in the manufacture of masonry products. This time we feature news on new unit designs from students at architecture programs across the country! ~Tina

##### Sponsors of TMS's Sustainability E-Newsletter

Click on the links below to learn more about each of these organizations who have graciously sponsored this E-Newsletter. The Sponsors designated with an Asterisk(\*) are also TMS Members at the following levels:

- \*\*\* designate Sustaining Members
- \*\* designate Affiliate Members
- \* designate that at least 1 person is a TMS Member

##### Platinum Level

## College Students Showcase Original Block Designs

### NCMA.ORG

Students from Ball State University, the University of Nebraska, and North Carolina State University will compete for the top prize at the annual Unit Design Competition being held Tuesday, September 13, in Couer D'Alene, ID, during NCMA's Midyear Meeting. The Unit Design Competition challenges students to create an innovative concrete block or paving unit design. These three schools are the finalists from a pool of seven school teams that recently presented their original block models. For more information about the Unit Design Competition, [click here](#). This program is partially funded through the NCMA Foundation and in concert with local NCMA producer members or state associations.

## ASTM and Brick Industry Announce PCR for Clay Brick

### ASTM.ORG

The Product Category Rule (PCR) for clay brick is complete and available on the [ASTM website](#). The formal name is the Clay Brick, Clay Brick Pavers, and Structural Clay Tile PCR. It defines the set of specific rules, requirements and guidelines by which clay brick products develop Environmental Product Declarations (EPD). The brick industry worked together with ASTM, stakeholders, and experts to produce the PCR.

## N C M A Launches Concrete Products Online Community

### NCMA.ORG

NCMA unveils its newest online tool for concrete masonry and hardscape products, Concrete Products Community (CPC). This online forum is designed to reach out to and engage the users and decision makers behind the selection of CMU, SRW and manufactured stone systems. Users can choose to actively participate in discussions or simply monitor threads of interest. To access the forum, please [click here](#).

## BIM-M's Revit Masonry Pack Released

### BIMFORMASONRY.ORG

The Building Information Modeling for Masonry Initiative (BIM-M) announced the release of the BIM-M Masonry Pack for the Autodesk REVIT software. The REVIT plug-in and masonry library provide quality masonry content and place it at the fingertips of design teams. The masonry content library can be added to existing libraries or accessed through a free plugin that provides a visual browser and drag and drop capabilities into the model. Click [here](#) to download the BIM-M Masonry Pack today - it's Free! [Read more](#) about BIM-M and its initiatives.

## GREEN BUILDING NEWS

### Top 5 Tips for Successful LEED Project Management

#### USGBC.ORG

USGBC experts offer these [five tips](#) for successful management of the LEED® certification process.

## EDUCATIONAL NEWS

### TMS Annual Meeting Open for Registration

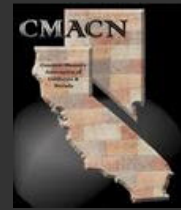
#### MASONRYSOCIETY.ORG

The Annual Meeting and Business Meetings of The Masonry Society will be held in Raleigh, North Carolina at the Doubletree Brownstone on October 7-11, 2016. An exciting and educational program has been planned for your enjoyment and professional development. There will be numerous opportunities to learn about new requirements affecting masonry design and construction. [Plan to attend the meetings today!](#)

## Symposium on Balancing Resiliency, Safety, and Sustainability

### ASTM.ORG

ASTM has announced a symposium on October 13, 2017 in New Orleans, LA intended to address topics related to resiliency, safety, and sustainability



Concrete Masonry  
Association of California &  
Nevada  
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## Gold Level



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## Silver Level



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## Bronze Level

and the built environment including:

- Hurricane, earthquake, flood/moisture, tornado, and fire resistance
- Material and system contributions to resiliency
- Design considerations related to resiliency, safety, and sustainability
- Design challenges related to resiliency, safety, and sustainability
- Building in the sustainability era
- Life-cycle considerations
- Public policy considerations related to building for resiliency

For more information and to submit an abstract online, please visit <http://www.astm.org/E60CFP2017>.

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