

# The Masonry Society

## Sustainability E-News

HPD Standard Updated

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### SPONSORED EDITION

#### From the Editor

In recent months I've had several clients contact me with interest in learning more about LEED v4 and Environmental Product Declarations (EPD). It seems that now that LEED v4 is the only version available for new registrations, interest in the Materials & Resources credits is having an upswing. My conversations with clients often begin with educating them on the differences in the LEED v4 credits and explaining not only EPDs but also Health Product Declarations (HPD). EPD and HPD are not only separate credits in LEED v4, they are also very different in scope and require very different things from manufacturers. HPD are generally easier and much less costly to complete. They are also relatively new and the standard for HPD has just been updated. You can read more in the first article 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

Deciding which green program to use can often be a difficult task. Two of the articles below provide guidance on how LEED rating systems and others compare. ~Tina

#### HPD Open Standard Version 2.1 Now Available

##### HPD-COLLABORATIVE.ORG

The HPD Collaborative has now released version 2.1 of its Health Product Declaration (HPD) Open Standard, incorporating updates and features to streamline the creation and use of HPDs. In response to user feedback, several improvements have been made to enhance the overall effectiveness and utility of the Standard. [Read about the updates.](#)

#### Which LEED Rating System Do I Use? Part 1: New Construction versus Midrise

##### STEVEN WINTER ASSOCIATES, INC

Here's a question often asked: "I'm building a new residential building, should I use LEED for New Construction (NC) or LEED for Multifamily Midrise?" The answer isn't exactly simple, especially with the introduction of new credit requirements in LEED v4 and the fact that USGBC allows project teams to choose between the two rating systems. [This article](#) highlights key differences between the rating systems that may not be apparent upon first glance.

#### Synergies Between LEED Homes and CALGreen

##### USGBC.ORG

The California Green Building Standards Code (CALGreen) is the nation's first statewide mandatory green building code, covering nearly all residential and nonresidential construction in California. As part of a robust green building industry, all permitted construction in California follows a proven set of high-performance environmental strategies as standard practice. USGBC, GBCI and their partners have developed [this crosswalk](#) to show where there is overlap between CALGreen 2016 and LEED v4 BD+C: Homes.

#### New Sustainable Projects Exhibit in 2017 AIA Contract Documents

[GREENBUILDINGLAWUPDATE.COM](http://GREENBUILDINGLAWUPDATE.COM)

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

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#### Platinum Level



Concrete Masonry  
Association of California &  
Nevada

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The American Institute of Architects recently released the 2017 edition of the A201 family of contract documents which includes the new AIA Document E204™ - 2017, Sustainable Projects Exhibit. The new Sustainable Projects Exhibit is expressly drafted for use with third party certification on LEED, Green Globes and Energy Star projects, but it can also be easily adapted for use in other green building rating systems from the ICC 700 to ASHRAE 189.1, the IgCC and more. Read more [here](#).

## GREEN PROJECTS

Masonry is an integral part of the sustainable projects featured below. ~Tina

### Restoring History: The Mill at Middletown

**MASORNYMAGAZINE.COM**

The Mill at Middletown, which took an abandoned hat factory in Orange County, New York and turned it into a stunning affordable housing complex, is featured in [this article](#) in Masonry Magazine.

### Stone Clad Building Features Sustainable Design

**ARCHITECT MAGAZINE**

Hampshire College's R.W. Kern Center is a 17,000 square foot multi-purpose facility designed to meet the Living Building Challenge. It achieves net zero energy and water and was built without [Red List](#) products. A collaborative and integrated team approach resulted in this being one of the highest performing projects in the country. [Read more](#).

### Rebuilding and resiliency with LEED in Greensburg, Kansas

**USGBC.ORG**

Ten years after a two-mile-wide tornado devastated the town of Greensburg, Kansas, the rebuilt community is a model for what green building can do. More than just an environmentally sound choice, building green can also mean building for self-sufficiency and resiliency, qualities always embodied by residents of the plains states. Read more [here](#).

## EDUCATIONAL NEWS

Lots of opportunities for education! ~Tina

### Conferences and Symposium

The 13th [Canadian Masonry Symposium](#) (CMS) is quickly approaching, and will be held in Halifax, Nova Scotia from June 4-7, 2017. Registration is now open.

In 2018 the [10th International Masonry Conference \(IMC\)](#) will be hosted by the Technical University of Milan on July 9-11 in Milan, Italy. Abstracts are due June 30, 2017.

### Symposium on Building Science and the Physics of Building Enclosure Performance

**ASTM.ORG**

To be held October 21, 2018 in Washington, DC, this symposium will provide a forum for the exchange of ideas on current research, both nationally and internationally, regarding building science and the physics of building enclosure performance, with an emphasis on testing and assessment of heat/air/moisture transfer, energy use, and the environment. It will also explore the growing influence of building science on material selection and detailing in both new construction and the adaptive re-use of existing buildings. For more information on the objectives and abstract submission please visit: [http://www.astm.org/E06\\_D08CFP1018](http://www.astm.org/E06_D08CFP1018).

### Symposium on Whole Building Air Leakage: Testing and Building Performance Impacts

This Symposium, to be held April 8, 2018 in San Diego, CA, shall provide for the exchange of ideas on current air leakage research relative to modeled or measured performance; a forum to review and discuss and focus attention on trends in whole building air leakage, in design criteria, construction, and performance verification; and identify new opportunities for new and revised standards and/or their incorporation or adoption into design criteria and regulations. For more information on the objectives and abstract



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## Gold Level



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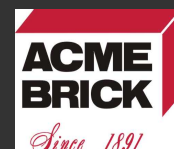


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## Silver Level



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## Bronze Level



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submission please visit: <http://www.astm.org/E06CFP42018>.

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