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📄 ERA ANNOUNCES NEW OFFICE LOCATION

ERA Moves Offices to Bethesda

ERA recently moved its office location to Bethesda, Maryland. The new address is:
7315 Wisconsin Avenue, Suite 400E
Bethesda, MD
20814

The association's phone number is (301) 654-5090. The new fax number is 301-951-8401.

ERA welcomes your input on this latest electronic news source. Please feel free to [contact us](#) with your input and circulate this newsletter among your colleagues.

② ERA NAMES NEW COMMITTEE CHAIRS

At its annual meeting in Baltimore in April, ERA named Christine Reppert chairman of its Communications Committee and Scott Long chairman of the Technical Committee. Reppert is Marketing Communications Manager at Firestone Building Products, while Long is EPDM Product Manager at Carlisle SynTec.

📄 STUDY RESULTS: Industry Survey on Green Roofs

The web site of *Today's Facility Manager*, cited an online survey conducted by one of the largest janitorial and sanitation manufacturers in the world regarding Green roofs.

The survey distributed to more than 2,500 facility managers throughout the U.S. found that many facility managers are well versed as to what a Green roof is and what some of its benefits are. However, in other cases, the majority of their answers were simply not correct.

For instance, when asked what impact the vegetation on a Green roof has on air quality, nearly 70% indicated that "it helps filter dust and dust particulates from the air," which studies show is correct.

Approximately 7% answered that they thought Green roofs actually harm indoor air quality. On the contrary, like most vegetation, the plants on a Green roof absorb pollutants from the air and release oxygen.

Respondents were also asked what effect Green roofs have on outdoor air temperatures. Seventeen percent said they have "little or no effect." This is incorrect, studies show. Instead, one of the proven benefits of Green roof systems is that they help reduce the "urban heat island" effect--t— reason inner cities and large downtown areas are considerably warmer than outlying, forested areas.

Finally, the facility managers were asked what U.S. city has the most Green roofs installed. Most respondents were sure it was either Portland, Oregon, or Seattle, Washington. However, the city with the most Green roofs installed, by a fairly wide margin, is Chicago, Illinois. With two million square feet of Green roofs installed, including one on their City Hall, it appears Chicago may have to do a bit more boasting about how Green the city is becoming.

For more information on the survey, log on to http://todaysfacilitymanager.com/facilityblog/2007_06_01_archive.html.



INDUSTRY UPDATE: NRCA and PIMA Launch EnergyWise

The Polyisocyanurate Insulation Manufacturers Association (PIMA) and the National Roofing Contractors Association (NRCA) have made available online the [EnergyWise Roof Calculator](#), an interactive software application with an easy-to-use, graphical method for constructing roof assemblies that both evaluate thermal efficiency and estimate energy costs under normal operating conditions. Users enter specific information about a roof assembly, the region and the building, such as:

- ② Roof dimensions
- ② Major penetration dimensions
- ② Existing insulation if recovering
- ② Type of deck
- ② Building energy sources for heating and cooling

EnergyWise then takes these details to generate a report summarizing the proposed roof assembly design, estimated heating and cooling costs, proper vapor retarder placement and minimum thermal requirements.

The benefits of EnergyWise are many:

- ② The program analyzes roof assembly configurations in a fraction of the time it would take to manually calculate the results for a single roof assembly configuration.
- ② The program easily illustrates the potential to save building owners money in heating and cooling costs.
- ② Many building owners do not recognize the magnitude of potential heating and cooling savings that are possible with effective insulation. EnergyWise can easily show the heating and cooling costs associated with various roof system designs (such as combinations of thermal insulation and roof surface reflectivity)

To find out more, go to: <http://www.polyiso.org/ContentPage/ContentPage1,13.html>

INDUSTRY UPDATE: ASHRAE Issues Green Building Standard

ASHRAE has released four draft documents (three standards and one guideline) for a 45-day public review from May 25 to July 9; among them is the first ASHRAE green-building standard, which is being developed in conjunction with the Illuminating Engineering Society of North America (IESNA) and the U.S. Green Building Council (USGBC). Standard 189P (Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings) will be the first of its kind in the United States.

According to ASHRAE, 189P will provide a baseline for sustainable design, construction, and operations in order to drive green building into mainstream building practices. It will apply to new commercial buildings and major renovation projects, and will address key areas of performance including energy efficiency, greenhouse gas emissions, sustainable site selection, water usage, materials and resources, and indoor environmental quality.

To review the standard, please log on to: <http://www.ashrae.org/technology/page/331#july>.

ASSOCIATION UPDATE: ERA Presents at 2007 Canadian Roofing Technology Symposium

ERA's immediate past chairman of its board of directors, Dr. Jim Hoff, and its consultant, Tom Hutchinson, delivered presentations at Canadian Symposium on Roofing Technology, in Calgary, Alberta, on June 5.

Hutchinson presented "The Keys to Sustainable Roofing," reviewing those keys and their methodology so that building users, owners, roofing contractors, and designers can all move forward to achieve long-term service lives for their roof systems, finally attaining sustainable roofing.

Dr. Hoff's presentation reviewed his new formula for assessing life cycle costs of roofing materials and systems.

NEWS: ERA Submits Comments on ASHRAE Standard 189

ERA recently submitted comments to ASHRAE on the proposed standard 189 titled Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings. The comments referred to the portion of the paragraph on Page 26 that reads:

"Exceptions to 5.3.3.3

(a) Building projects in climate zones 7 and 8."

We strongly believe that portion of the paragraph should read:

"Exceptions to 5.3.3.3

(a) Building projects in climate zones 5, 6, 7 and 8."

ERA has participated in joint conferences between the U.S. EPA and the U.S. DOE in an ongoing effort to determine the correct recommendation for builders, designers, and contractors in achieving "cool roofs". We have also developed an educational course that has been approved by AIA that explores the array of roofing solutions that currently exist to meet the geographic and performance needs of a given locale. These include utilizing ballasted and high thermal roofing systems to achieve the "cool roof" performance. ERA supports the comments submitted by Carlisle Syntec as to the prospective energy penalty that would result in the adoption of the proposal as drafted and we also support the suggested amended language included in their submission.

ASSOCIATE MEMBER SPOTLIGHT: TRUFAST Corporation



TRUFAST Corporation

TRUFAST Corporation is a leading manufacturer of roofing and concrete fasteners, stainless steel screws, termination bar, stress plates, and metal building fasteners. TRUFAST offers a wide variety of products including the "Pre-assembled System", ProfileVents®, Saf-T-Screens® (fall protection for skylights), tools and pull testers.

ERA would like to thank TRUFAST Corporation for its dedication to the industry and support of ERA programs and initiatives. For more information on TRUFAST, please log on to <http://www.trufast.com/> to visit their website.

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Feel free to circulate this newsletter among your colleagues. If you prefer NOT to receive ERA's e-Newsletter, please hit reply and let me know.

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