

### **Dear ABC Members:**

Welcome to the MAY edition of our monthly LEED newsletter! This month brings you some exciting developments at ABC Indiana... such as the upcoming "**LEED: Fact or Fiction**" breakfast seminar on **June 4th**, new programs in early August, and a specially-designed "**LEED Resources**" tab on our website ([www.abc-indy.org](http://www.abc-indy.org)) that will keep ABC members up-to-date on this rapidly-moving building trend!

Additionally, the LEED panel discussion at last month's Safety & Education Summit was a huge success! A very special thank you goes out to our distinguished panelists: Doug Morris, Jill Mendoza, Ben Deremiah, Kurt Bouley, James Sherer & William Kelley!

This second newsletter includes an article written for our members by **GAF Roofing Solutions**. It will cover some basic FAQ, as well as answers on LEED credits, roofing systems, sustainable development and green building products... and a very special **thank you** goes out to this month's contributing editor, **Butch Lockhart** of **GAF Roofing Solutions**!

As you move into the summer season, please don't forget that **ABC Indiana** is here to help! It is our hope that you will see the association as your "go to" source for LEED and green building information, as well as to meet your many other business development needs!

Finally, since it's officially race season in Indiana, we would like to wish everyone a safe, productive and **fun** month of May!!

### Related Web Sites

[www.abc-indy.org](http://www.abc-indy.org)

[www.abc.org](http://www.abc.org)

[www.abc.org/greenbuilding](http://www.abc.org/greenbuilding)

[www.usgbc.org](http://www.usgbc.org)

[www.usgbc-in.org](http://www.usgbc-in.org)

[www.energystar.gov](http://www.energystar.gov)

### UPCOMING LEED EVENTS @ ABC

#### JUNE 4, 2008

Breakfast Seminar led by Mac Williams, President (USGBC-IN): "**LEED: Fact or Fiction—the Myths Surrounding the LEED Process**"

#### JUNE 25, 2008

USGBC—Indiana Chapter Event  
**Outdoor Adventure 2008**—Canoeing, hiking, "green" activities & updates on our local USGBC Chapter!

#### JULY 2008 (date TBD)

LEED Luncheon:  
Topic TBD.

#### AUGUST 7, 2008

LEED Accreditation  
Exam Prep Class

#### AUGUST 8, 2008

"The CM's Responsibilities for LEED New Construction" Course

### **Does a LEED ROOF Make Good "Cents" for your Building?**

~ **Butch Lockhart** – **GAF Roofing Solutions**

Yes, is the short answer... but to first understand more about LEED scan the following most commonly asked questions as provided by GAFMC:

#### **Q: What does LEED mean?**

**A:** LEED is an acronym for Leadership in Energy and Environmental Design

#### **Q: Who administers the LEED program?**

**A:** LEED is a program sponsored and administered by the US Green Building Council. The USGBC is a voluntary organization, not a government entity.

#### **Q: What is LEED's purpose?**

**A:** LEED's purpose is to provide a rating system that incentivizes designers' and builders' decisions to choose "green" building products for the construction and operation of buildings, and recognizes environmental leadership in the building industry. It is also intended to raise consumer awareness of green building benefits and stimulate green competition.

#### **Q: How is a LEED credit obtained?**

**A:** LEED provides a set of widely accepted criteria as guidelines for choosing "green" products. Selecting "green" products over more traditional ones can provide LEED credits.

#### **Q: Who decides whether my building achieves LEED certification?**

**A:** The Steering Committee of LEED reviews each LEED proposed building and its documentation of potential LEED credits.

#### **Q: What is a "green" product?**

**A:** Technically, a "green" product is one that has minimal impact to the environment. Green products are factors in designing for sustainable development.

#### **Q: Okay, then what is meant by sustainable development?**

**A:** Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

#### **Q: Are building products the only way to obtain LEED credits?**

**A:** No. How and where the site is selected and used, as well as how the building affects the surrounding microclimate's environmental conditions make up some available LEED credits.

#### **Q: Are individual products LEED certified?**

**A:** No. Individual products are not rated. Only the entire building structure is given points for achieving specific "green building" goals.

**Q: Do ROOFS provide LEED credit?**

**A:** Yes, reflective roof membranes and coatings may qualify for a LEED credit.

Other potential credits are...

- Depending on *recycled content*, some products may qualify for an additional LEED credit.
- *Amounts of insulation above that are required by code* may be seen as an additional LEED credit.
- Depending on job location, *products used from manufacturing locations within 500 miles of the job* may also be considered for a LEED credit.

**Q: What is a LEED certified project?**

**A:** A LEED certified project is one that has submitted documentation to the LEED Steering Committee for verification of the total number of credits allowed by LEED guidelines for certification. A minimum of 26 LEED verified credits is required to be awarded "certification" status. Higher certification status is awarded with higher point totals.

Okay, now that you have a grasp about this LEED thing...**would you or your clients consider a LEED Roof on your next project?** The answer is generally "maybe", but what does it cost? If your client wanted to have LEED Certified Roof system, the most cost effective roof would be a fully adhered or mechanically attached white TPO roof system. How does that compare to a ballasted epdm roof? It can be up to 15% higher than a cheap ballasted epdm roof, but owners absolutely detest those systems due to the high cost of maintenance over the roof life (due to punctures, difficulty in finding leaks, seam failures, and shrinkage).

How does the installed cost of white TPO LEED roofs compare to adhered or mechanically attached black epdm roofs? The answer may be surprising since **these white LEED rated roofs are now lower in cost!** Not only are building owners benefiting from a LEED roofing system that will count towards their rating, they are getting a roof that:

- *Costs the same or lower* than epdm black roofs so is budget friendly
- *White reinforced TPO membranes are highly puncture resistant* due to scrim reinforcement and the nature of the polymer
- Roof field seams are hot-air welded and are guaranteed against pounding water
- *Does not shrink like epdm*
- Roof surface temperature is up to 80 Degrees cooler on hot summer day
- *Chemical resistance is outstanding*

**So, now you have some facts that can help you determine if a LEED roof makes good "cents" for your next building.....or even if you don't need a LEED roof, you can get one anyway that will come in under your budget...doesn't that also seem to make good SENSE?**

**For more detailed information on LEED, Garden, or other environmentally friendly roof products call [Butch Lockhart @ 317-223-5114](tel:317-223-5114) or email [butchlockhart@insightbb.com](mailto:butchlockhart@insightbb.com)**

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