



Dear ABC Members:

Hello, again! I hope this month's newsletter finds you enjoying a busy and productive summer season!

ABC of Indiana has made some GREAT progress this month in bringing LEED and green building information to our membership! In addition to providing resources on our website (www.abc-indy.org), we also hosted the "LEED: Fact or Fiction" breakfast seminar. With nearly 100 of our members in attendance, guest speaker and Chairman of the USGBC-IN Chapter, **MAC WILLIAMS**, presented a "mythbuster" themed presentation. To that end, a very big THANK YOU to Mac for lending us his time and expertise! **Please remember to look into membership of our local USGBC...** we are very proud of our new relationship with their organization, and believe our unanimous support of their endeavors is extremely important!

This third newsletter includes an article written for our members by **Indiana Insulation**. It will cover the basics of "green product," **SEALECTION® 500**, as well as its application and how it helps reduce our "carbon footprint." A very special **thank you** goes out to this month's contributing editor (and **2008 National Insulation Craft Champion**), **Kyle Hoover** of **Indiana Insulation**!

We hope you enjoy this June edition, and look forward to hearing of your continued successes throughout the month! See you in July!

~ **ABC of Indiana & the LEED Committee**

Related Web Sites

www.abc-indy.org

www.abc.org

www.abc.org/greenbuilding

www.usgbc.org

www.usgbc-in.org

www.energystar.gov

UPCOMING LEED
EVENTS @ ABC

JUNE 25, 2008

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

JULY 23, 2008

LEED Luncheon
**"Following a LEED Project
from Beginning to End"**
featuring Guest Speaker,
**Kurt Bouley, Messer Con-
struction Co.**

AUGUST 7, 2008

LEED-NC Accreditation
Exam Prep Class
8:00—4:30

AUGUST 8, 2008

**"The CM's Responsibilities
for LEED New
Construction"** Course
8:00—1:00

AUGUST 15, 2008

NCCER releases "Green

"To Vent or Not to Vent"

~ **Kyle Hoover, Indiana Insulation**

While vented attics have been the standard for many generations, scientists who study how buildings perform have discovered and advised builders in hot/humid areas to put HVAC systems and duct work into conditioned space.

Vented attics in southern climates are the major cause of humidity problems stemming from humid outdoor air coming in contact with cold surfaces in the attic. The greatest problem with attic condensation occurs during the daytime when the air conditioning system operates for long periods, causing supply ducts and even ceiling drywall to remain cold. The attic air dew point becomes higher than the outdoor air dew point because of resulting moisture stored in the wood roof framing structure at night, and condensation occurs when the moisture is subsequently released during the day.

Moving the insulation from the floor of the attic, and applying it instead to the underside of the roof deck, effectively extends the building envelope to include the attic space. A house insulated with **SEALECTION® 500** in the walls and roof, creating the unvented attic space, will have the lowest attic temperature ever achieved in stick built construction. The unvented attic assembly will maintain a delta of only seven to ten degrees warmer temperature than the air-conditioned space below. Reduced heat load on the house and its HVAC system and ductwork dramatically changes the overall performance and comfort of the house.

Closing soffits, gable and ridge vents, also prevents moisture-laden outside air from entering the attic and the home or building and serves as a barrier to wind-driven rain. Wa-

ter entering homes throughsoffits and gable vents proved to be the second highest cause of property damage from Florida's Hurricane Charlie. As a result, the Florida Hurricane Advisory Committee has changed building codes to support the use of unvented attics.

Thanks in part to DEMILEC's leadership role in educating code councils and building inspectors about the benefits of unvented attics in other hurricane zones as well as hot climate areas, the International Code Council (ICC) has adopted unvented attic assembly for the 2006 IRC building code based on the conclusion that using low air permeable insulation on the underside of a roof deck is a positive way to improve building performance, DEMILEC Authorized Contractors can provide copies of various reports, including the ICC Evaluation Report #1172 and IRC statements to help builders attain approval for closed attic assembly from building officials in their jurisdiction.

Reference: "Building Savvy Magazine," Author: Beverly Smirnis

This product has been defined by the **USGBC** as exceeding the LEED requirements, and therefore qualifies as a "GREEN" product. At **Indiana Insulation**, we believe **SEALECTION® 500**, in conjunction with sealing the entire building envelope, will help reduce our carbon footprint in energy consumption. **Together**, let's make the commitment to installing "GREEN" products to protect our environment and ensure a superior quality of life.

Indiana Insulation of Plymouth, IN provides this system in accordance with **DEMILEC USA's** specifications recorded in **ESR Report #1172**.

For information about Indiana Insulation and the products we install, please visit www.indiana-insulation.com.

Brought to you by:

ABC of Indiana

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**LEED Committee
Members**

WURSTER CONSTRUCTION
Ms. Michelle Michalke

KEYSTONE CONSTRUCTION
Mr. Scott Hesler

DREWRY SIMMONS VORNEHM
Mr. Will Kelley

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Mr. Tracy Mendez

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