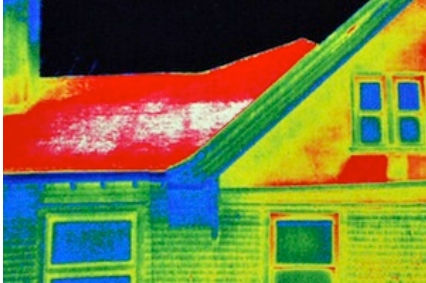




Building
Enclosure
Council

Thermal Insulation in the Building Envelope



David W. Yarbrough, PhD, PE
R&D Services, Inc., Cookeville, TN

22 August 2013

6:00 PM – 7:30 PM
Charleston County Main Library
68 Calhoun Street
Charleston SC 29401

Continuing Education

AIA: 1.5 LU/HSW
SC Bldg Codes Council: 1.5 HR
Certificates provided

FREE

Effective use of thermal insulation in building envelopes requires recognition of factors affecting thermal performance and relationships between laboratory data and field performance. Building envelope materials and factors affecting in-situ performance will be discussed, including relationships between laboratory property data, assembly testing, and actual performance. Vacuum insulation panels, nano-materials, and phase-change materials will be introduced. Interactions between thermal insulation and water transfer will be identified using WUFI provided examples.

Objectives

- Performance of Various Insulating Materials
- Quantitative Data and Durability Issues Related to Thermal Insulation Performance
- Hot Box Data and Building Simulations to Assess Insulation Performance
- Advanced Insulating Materials for the Building Envelope

Register Now

<http://bec201308.eventbrite.com>

For more information please visit www.bec-charleston.org.



The American Institute of Architects



**Building Enclosure Technology
and Environment Council**



National Institute of
BUILDING SCIENCES