
Sponsored by ASTM Committee E6 on Performance of Buildings

October 5-6, 2014
Sheraton New Orleans
New Orleans, LA

Symposium Co-Chairs: Peter Nelson
Simpson, Gumpertz & Heger
Waltham, MA

Bill Egan
BASF Corp – Wall Systems
Jacksonville, FL

ABOUT THE SYMPOSIUM

This is the third ASTM symposium pertaining to Exterior Insulation and Finish Systems (EIFS). Prior symposiums held in Washington DC (1992) and Denver CO (1995) focused largely on materials, development, use, and performance of EIFS along with challenges facing the industry. This symposium will review many of the changes that have occurred over the last 20 years as well as progress with standards, building codes, products and applications.

Session papers will include the following subjects:

- EIFS Code Requirements, Acceptance and Fire Performance
- Energy and Moisture Impact of EIFS Clad Walls
- Compatibility and Integration Details: Keys to durable EIFS Clad Exterior Wall Assemblies
- Continuous Insulation and Impact on Building Performance
- EIFS: Then and Now
- Applicability of Fluid Applied Air/Water Resistive Barriers Used in EIFS for use in Other Cladding Systems
- Retrofit Case Study and Energy Savings
- Exterior Durability Evaluation and Testing of EIFS Finishes
SUNDAY, OCTOBER 5, 2014

8:30 AM
Opening Remarks
Peter Nelson, Symposium Co-Chair
Bill Egan, Symposium Co-Chair

8:45 AM
Keynote Address
Dave Johnston, EIFS Industry Members Association, Falls Church, VA, USA

SESSION 1: Progress and Performance

Session Chair: Bill Egan
BASF Corp – Wall Systems
Jacksonville, FL, USA

9:15 AM
EIFS: Then and Now
Peter Nelson, Simpson, Gumpertz & Heger, Waltham, MA, USA

9:45 AM
Code Acceptance of EIFS/EIFS with Drainage
Bill Preston, Dryvit Systems Inc, West Warwick, RI, USA

10:15 AM Break

10:45 AM
Compatibility and Integration Details: The Keys to Providing Durable EIFS-Clad Exterior Walls
Mike Horst, Wiss, Janney, Elstner Associates, Duluth, GA, USA

11:15 AM
Energy and Moisture Impact of EIFS Walls in the USA
Andre Desjarlais, Oak Ridge National Laboratory, Oak Ridge, TN, David Johnston, EIFS Industry Members Association, Falls Church, VA, USA

11:45 AM Lunch (On Your Own)
12:45 PM
**Exterior Continuous Insulation and the Positive Impact on Building Envelope Performance**
Bob Dazel, Dryvit Systems Inc., West Warwick, RI, USA

1:15 PM
**Beyond the Misconceptions, EIFS Can No Longer Go Unnoticed**
Scott Robinson, EIFS Industry Members Association, Falls Church, VA, USA

1:45 PM
**Successful Strategies for EIFS Over-cladding**
Jud Taylor, Simpson, Gumpertz & Heger, Los Angeles, CA, USA

2:15 PM
**Design and Construction Considerations for EIFS and Exterior Wall Claddings that Incorporate Continuous Insulation (CI)**
Eric Auman and Bill Egan, BASF Corp – Wall Systems, Jacksonville, FL, USA

2:45 PM Break

3:15 PM
**EIFS Code Requirements and Fire Performance**
Jess Beitel, Hughes Associates, Inc., Baltimore, MD, USA

3:45 PM
**Exterior Durability Evaluation and Testing of EIFS Finishes**
Jim Connaughton and Jeff Sobczak, The Dow Chemical Co, Collegeville, PA, USA

4:15 PM
**Energy Savings from an EIFS Retrofit of a Single Family Residence**
Peter B. Harrison, Parex USA, Inc., Redan, GA, USA

4:45 PM
**A Review of Cladding Drainage Testing, Standards and Codes**
Theresa Weston, Dupont, Richmond, VA, USA

5:15 PM to 6:30 PM **Reception/Cash Bar**
MONDAY, OCTOBER 6, 2014

SESSION 2: Innovation

Session Chair: Peter Nelson
Simpson Gumpert & Heger
Waltham, MA

8:00 AM
**Exterior Insulation and Finish Systems (EIFS) Retrofit Construction Case Study**
Terry Viness, Sto Corp, Atlanta GA, USA

8:30 AM
**Use of Glass Mat Gypsum Sheathing as a Substrate for Exterior Insulation and Finish Systems (EIFS)**
Warren Barber, Thad Goodman, and Brian Randall, National Gypsum Co., Charlotte, NC, USA

9:00 AM
**Innovation in Panelized EIFS Drained Wall Assemblies**
Chris Norris, Morrison Hershfield, Atlanta, GA and Dominick Baruffi, II, Sto Panel Technology, Atlanta, GA, USA

9:30 AM
**Dark Color Options for EIFS Systems Due to Solar Reflective Colorants**
Bart Wilbanks and Bas van Ravenswaaij, Chromaflo Technologies, Ashtabula, OH, USA

10:00 AM Break

10:15 AM
**EIFS Mesh Coating Improvements**
Eric Smith and Mark Newton, Saint-Gobain ADFORS America, Grand Island, NY, USA

10:45 AM
**High Efficiency: R30 Walls in 3 inch Thickness: Modeling, Performance Testing, and Installation**
Lawrence Carbary, Steve Altum and Aaron Seitz, Dow Corning Corporation, Midland MI, USA,
Bill Preston and Roland Serino, Dryvit, West Warwick, RI, USA

11:15 AM
**Applicability of Fluid-Applied Air and Water Resistive Barriers Used in EIFS Systems for use in Other Cladding Systems**
Katherine Wissink, Laura K. Bashaw and Peter Nelson, Simpson, Gumpertz & Heger, Waltham, MA, USA

11:45 PM
**Closing Remarks**
Peter Nelson, Symposium Co-Chair
Bill Egan, Symposium Co-Chair

12:00 PM SYMPOSIUM ADJOURNS