

STP 1585 Table of Contents

Exterior Insulation and Finish Systems—Then and Now
Peter E. Nelson

Code Acceptance of Exterior Insulation and Finish Systems and Exterior Insulation and Finish Systems
with Drainage
William M. Preston

Compatibility and Integration Details: The Keys to Providing Durable EIFS-clad Exterior Walls
Michael Horst

Energy and Moisture Impact of Exterior Insulation and Finish System Walls in the United States
Andre Desjarlais and David Johnston

Exterior Continuous Insulation and the Positive Impact on Building Envelope Performance—Achieving
New Energy Code Wall Insulation Metrics
Robert W. Dazel

Beyond the Misconceptions, EIFS Can No Longer Go Unnoticed
Scott Robinson

Successful Strategies for EIFS Over-cladding
A. Judson Taylor

Design and Construction Considerations for EIFS and Exterior Wall Claddings that Incorporate
Continuous Insulation
Eric Auman and Bill Egan

Exterior Insulation and Finish System Code Requirements and Fire Performance
Jesse J. Beitel

Exterior Durability Evaluation and Testing of EIFS Finishes
Jeffery Sobczak and James T. Connaughton

Energy Savings from an EIFS Retrofit of a Single-Family Residence
Peter B. Harrison

A Review of Cladding Drainage Testing, Standards and Codes
Theresa Weston and Kimdelyn Boone

A Case Study of Construction Challenges and Solutions: Installation of Exterior Insulation and Finish
Systems (EIFS) to an Existing Residential Structure
Terry L. Viness

Use of Glass Mat Gypsum Sheathing as a Substrate for Exterior Insulation and Finish Systems (EIFS)
Brian G. Randall, Warren Barber, and Thad Goodman

EIFS Mesh Coating Improvements
Mark J. Newton and Eric Smith

High Efficiency Exterior Insulation and Finish Systems: R30 Walls in Three-Inch Thickness—Modeling,
Performance Testing, and Installation
Steve Altum, Lawrence Carbary, Aaron Seitz, Bill Preston, Roland Serino, and Andrew Dunlap

Applicability of Fluid-Applied Air and Water-Resistive Barriers in Exterior Insulation and Finish Systems
for Use in Other Cladding Systems
Katherine Wissink, Laura K. Bashaw, and Peter E. Nelson