



## BILL EGAN GROUP

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### Bill Egan | Principal



Bill Egan has more than 40 years of construction experience across the United States with building types ranging from single family residential dwellings to high rise commercial structures. His knowledge of building enclosures and exterior materials includes specialized expertise related to air and water resistive barriers, waterproofing, stucco, Exterior Insulation and Finish Systems (EIFS), exterior coatings, and flashing systems. He has extensive experience with industry standards, test methods and testing, trade and industry associations, product and system performance, code compliance, and installation procedures.

Mr. Egan is well versed in building science, investigation and resolution of disputes including construction product defect and installation claims, water leakage, evaluation protocol and repair methodology. He has supported litigation through depositions as an expert witness and corporate

representative on complex, multi-party matters throughout the US. He has also provided technical expertise for numerous mediations.

Mr. Egan has participated in the design, development, and support of many new construction products and systems from concept through commercialization. This includes determining performance, testing, development of standards, marketing, and technical collateral, and securing building code compliance.

He has consulted with industry trade associations and construction product manufacturers on training, education, testing, building codes, and product support including technical strategy communications and development of marketing materials.

He has authored numerous technical articles and a frequent speaker at conferences and industry events.

- EDUCATION

BS, Civil Engineering  
Roger Williams College  
Bristol, RI

AS, Building Construction  
Wentworth Institute of Technology  
Boston, MA

- PROFESSIONAL AFFILIATIONS

EIFS Industry Members Association (EIMA)  
Florida Lath and Plaster Bureau (FLAPB)  
American Society of Testing and Materials  
Subcommittee Chairman, ASTM E6.58  
(Performance of EIFS)  
Task Group Chairman, ASTM C11.03  
(Non-Metallic Lath)

## **SELECT PRESENTATIONS**

'Tackling 2022 NYC building Codes with Noncombustible EIFS' – Rockwool, 2024

'Fire Safety for Exterior Wall Assemblies' – International Institute of Building Enclosure Consultants/Florida Chapter (IIBEC), 2023

'Building Codes, Construction Trends, and Innovation Drive Opportunities for EIFS' -'Texas Lath and Plastering Contractors 69<sup>th</sup> Annual Convention', 2021

'Stucco & Exterior Finish Cladding System's - International Institute of Building Enclosure Consultants (IIBEC), 2019

'EIFS: Building Codes, Tests, and Standards' - National Capital Region Building Code Academy, 2019

'Alternative Methods and Materials' - Panelist at Annual Florida AIA Convention, 2018

'Air and Water Resistive Barrier Fire Performance' - SC Waterproofing Contractors Association, 2018

'Non-Metallic Lath' - Florida Wall and Ceiling Contractors Annual Convention, 2017

'Design and Construction Considerations for EIFS and Exterior Wall Claddings that Incorporate Continuous Insulation (CI)' - ASTM STP 1585 - Exterior Insulation and Finish Systems: Performance, Progress, and Innovation, 2016

'Exterior Insulation and Finish Systems' - Roof Consultants Inc, Region 2, 2014

'New Thinking about Water Resistive Barriers' - Association of Wall and Ceiling Contractors, 2012

'Continuously Insulated Stucco Systems' - Carolina Lath & Plastering Association Mid-Year Meeting, 2012

'Opportunities to Install Air/Vapor/Water Resistive Barriers Behind EIFS, Stucco, and Other Exterior Wall Claddings' - Association of Wall and Ceilings Annual Meeting, 2011

'Fluid Applied Air & Water Resistive Barriers' - Carolina Lath & Plastering Association Annual Meeting, 2011

'Performance of Glass Fiber Lath as a Plaster Base with Exterior Cement Plaster (Stucco)' - Best 2 Conference, 2010

'Glass Fiber Lath in Portland Cement Plaster (Stucco)' - 11th Canadian Building Science & Technology Conference, 2007

'Sealants and EIFS in the 21<sup>st</sup> Century' - SWRI Annual Meeting, 2005

'Monitoring Performance of EIFS Clad Dwellings' - BETEC, Performance of Exterior Envelopes of Whole Buildings VIII, 2001

'Projected Life Cycle Costs of an EIFS' - ASTM STP 1269 - EIFS Materials, Properties, & Performance, 1996

'Specifying EIFS' - Construction Specifications Institute, Northern Illinois Chapter, 1994

'Retrofit: Considerations and Options' - ASTM STP 1187 - Development, Use, & Performance of EIFS, 1993

'Exterior Insulation and Finish Systems' - Utah Building Officials, 1993

'Exterior Insulation and Finish Systems' - Twin Falls Idaho Building Officials, 1993



'Exterior Insulation and Finish Systems' - Construction Specifications Institute, Minneapolis Chapter, 1991

'How to Inspect EIFS Installations' - Southwestern Ohio Building Officials Seminar, 1991

'Keys to Successful EIFS projects' - Construction Specifications Institute, Rhode Island Chapter, 1990

'Exterior Insulation and Finish Systems' - Exterior Wall Symposium, 1989

'Exterior Insulation and Finish Systems' - State of Connecticut Building Officials Seminar, 1989

## **SELECT PUBLICATIONS**

EIFS with Drainage and Sustainable Design in the Built Environment - Construction Dimensions, January 2025

Head Flashings at Window and Door Openings – Walls and Ceilings, November 2024

'ASTM Standards for Non Metallic Lath, Metal Lath and Lathing Accessories Used with Exterior Portland Cement Based Plaster (Stucco)- Walls and Ceilings, March 2022

'New Finish Options for EIFS' – The Construction Specifier, January 2022

'Integrating Fluid Applied Air and Water Resistive Barrier Membranes and Accessories with Elements of the Building Enclosure' – August 2021

'Innovative Lathing and Trim Accessories' – Walls & Ceilings, February 2021

'Lath Accessories for CI Stucco Claddings' – Walls & Ceilings, March 2020

'Non Metallic Plaster Bases (Lath in Portland Cement Plaster' – RCI Interface, November 2016

'Exterior Insulation and Finish Systems (EIFS): Performance, Progress, and Innovation' - Symposium chairperson and coeditor of ASTM book compiling seventeen technical papers from STP 1585, 2016

'Non-Metallic Plaster Bases (Lath) in Portland Cement Plaster' - RCI Interface Magazine, 2016

'Design and Construction Considerations for EIFS and Exterior Wall Claddings that incorporate Continuous Insulation (CI)' - ASTM STP 1585 - Exterior Insulation and Finish Systems: Performance, Progress, and Innovation, 2016

'Performance of Glass Fiber Lath as a Plaster Base with Exterior Cement Plaster (Stucco)' - Best 2 Conference Proceedings, 2010

'Glass Fiber Lath in Portland Cement Plaster (Stucco)' - 11th Canadian Building Science & Technology Conference Proceedings, 2007

'Monitoring Performance of EIFS Clad Dwellings' - BETEC, Performance of Exterior Envelopes of Whole Buildings VIII, 2001



'As Building Methods, Materials, and Processes Evolve, the Impact of Change Must be Evaluated' – Construction Dimensions, 2000

'Projected Life Cycle Costs of an EIFS' - ASTM STP 1269 - EIFS Materials, Properties, & Performance, 1996

'Specifying Premium Class PB EIFS' - The Construction Specifier, 1995

'A Look at the Modified Standards for Class PB EIFS' - Walls and Ceilings Magazine, 1994

'The Right Choice - Choosing Retrofit Options Will Enhance EIFS Share in Growing Renovation Market' - Construction Dimensions, 1993

'Retrofit: Considerations and Options' - ASTM STP 1187 - Development, Use, & Performance of EIFS, 1993

'Specifying EIFS' - The Construction Specifier, 1993

'Considering EIFS? A Little Homework is the First Step' - Building Operating Management, 1991

'Specifying an Exterior Insulation and Finish System' - Metal Architecture, 1989

'Single Ply Roofing and the Building Code' - The Construction Specifier, 1985

## **LITIGATION SUPPORT (Depositions)**

Served as an expert witness and/or corporate representative in the following matters:

Urban Village Apartments - Edmonton, Alberta Canada, 2019

Pier View Condominiums - Daniels Island, SC, 2018

Kiva Dunes - Gulfport, LA, 2017

Amira Fountains - Brownsville, TX, 2015

Spring Hill Suites Hotel - Wilkes Barre, PA, 2015

Lake Charles Community Hospital - Lake Charles, LA, 2010, 2014

Parkwood Townhomes - Dallas, TX, 2010

Mariners Island - Mandeville, LA, 2010

Hampton Inn Hotel - Pittsburg, PA, 2009

Aderholt Office Building - Birmingham, AL, 2007

Hardypond - Portland, ME, 2007

Amherst Mews - Basking Ridge, NJ, 2007

West Residence - Baton Rouge, LA, 2006

Johnson Residence - TX, 2006



Halbert Residence - Spicewood, TX, 2005  
Prospect Ashley Condominiums - Hackensack, NJ, 2005  
Thomas Residence - Lexington, SC, 2003  
Rauscher Residence - Lexington County, SC, 2002  
Byrd v. Senergy - Guilford County, NC, 1999  
Mast Residence - Wrightsville Beach, NC, 1998  
Coley v. Barco Homes et. al., v. Senergy - Johnson and Guilford County, NC, 1998  
Ruff et. al., v. Parex et. al. - New Hanover County, NC, 1997  
In Re: Stucco Litigation US District Court - Eastern District of NC, 1996  
John Patrick - Providence, RI, 1991, Including trial testimony  
First Center - Southfield, Michigan, 1990

#### **LITIGATION SUPPORT (Mediations)**

Served as corporate representative in the following matters

Pier View Condominiums - Daniels Island, SC, 2018  
Shipwatch Condominiums - Isle of Palms, SC, 2016  
Amira Fountains – Brownsville, TX, 2016  
Lake Charles Community Hospital - Lake Charles, LA, 2013  
Graf/Beard Residence - Charleston, SC, 2007  
Amherst Mews - Basking Ridge, NJ, 2007  
Peters Residence - St Charles, IL, 2006  
Prospect Ashley Condominiums - Hackensack, NJ, 2006  
Halbert Residence - Spicewood, TX, 2005  
Beau Ridge Condominiums - Newark, NJ, 2005  
Salamone Residence - Mt Pleasant, SC, 2005



## PATENTS

U.S. Patent #6,131,353 Composite weather barrier

U.S. Patent #6,395,401 Bond-compatible composite membrane

U.S. Patent #7,166,365 Exterior finishing system including a bond compatible composite membrane

U.S. Patent #6,745,531 Pressure equalized compartment for exterior insulation and finish system

U.S. Patent #6,804,922 Integral composite building material and uses therefore

U.S. Patent #6,759,135 Exterior finishing system and building wall structure including a bond-compatible composite membrane and method of constructing same

U.S. Patent #7,625,827 Exterior finishing system and building wall containing a corrosion-resistant enhanced thickness fabric and method of constructing same

U.S. Patent #7,902,092 Exterior finishing system and building wall containing a corrosion-resistant enhanced thickness fabric and method of constructing same

U.S. Patent #8,298,967 Exterior finishing system and building wall containing a corrosion-resistant enhanced thickness fabric

U.S. Patent #8,869,491 Trim bead and stucco system including same

U.S. Patent #8,806,825 Exterior finish system

U.S. Patent #8,898,981 B2 Exterior finish system (water-pervious adhesive)

U.S. Patent #9,091,072 Exterior finish system (water-pervious adhesive)

U.S. Patent #9,200,454 Trim bead and stucco system including same

U.S. Patent #9,194,131 Exterior finish system (water-pervious adhesive)

U.S. Patent #D656,603 Trim bead for a building wall

U.S. Patent #D703,307 Trim bead for a building wall

U.S. Patent #D703,306 Trim bead for a building wall

Mexico Patent #287,999 Corrosion-resistant enhanced thickness fabric

Mexico Patent #302,516 Corrosion-resistant enhanced thickness fabric

Mexico Patent #339,034 Exterior finish system (water-pervious adhesive)

Japan Patent #5,813,018 Exterior finish system (water-pervious adhesive)

Japan Patent #4,812,628 Corrosion-resistant enhanced thickness fabric

Canada Patent #2,549,716 Exterior finishing system and building wall containing a corrosion-resistant enhanced thickness fabric and method of constructing same

Canada Patent #2,547,958 Exterior finish system (water-pervious adhesive)

Canada Patent #2,788,910 Exterior finish system (water-pervious adhesive)

Canada Patent #2,810,036 Trim bead and stucco system including same

