

# WILLIAM F. EGAN

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## SUMMARY

**Technical leader with extensive construction experience and proven record of accomplishments related to building enclosures and construction products including specialized expertise with Exterior Insulation and Finish Systems (EIFS), stucco, air/water-resistive barriers, single-ply roofing, and architectural coating systems.**

- Contributed to new product development from concept to launch – more than 25 patents, author of industry articles, and presenter at industry events and conferences.
- Experienced in building enclosures, science, and products, system design, development, application and repair, building code compliance, all construction and building types, construction specifications, documents and processes, industry tests and standards, claim investigation, resolution, and litigation.
- Expertise with construction processes including methods, materials, industry standard groups such as AAMA and ASTM, building codes and trade associations.
- Demonstrated ability to work across construction teams and stakeholders including building owners, contractors, subcontractors, builders and design professionals
- Supported 40+ litigation matters (depositions, mediations, and trial) including a class action as well as complex single and multi-party disputes on residential as well as commercial buildings.

### • • • Core Competencies • • •

Product Development • Sales/Marketing/Customer Support • Public Speaking • Intellectual Property Development  
Construction Building Products/Manufacturing Industry • Field Investigations • Litigation/Expert Testimony • Claim Resolution • Testing • Building Codes • Industry Standards and Trade Associations • Cross Functional Teams • Technical Strategy and Communications

## Professional Experience

**Bill Egan Group LLC**, Ponte Vedra Beach, FL

*Provider of consulting services related to construction products, systems and building enclosures and structures*

**Principal** • 2019 - Present

Remediation protocol, training and education, product and peer review, litigation support, expert testimony, product development, testing and building code compliance, investigations, technical articles, representation at building code, trade and standards meetings, construction oversight and inspection, investigations, sales and marketing collateral.

**Intertek – Building Science Solutions Group**, Orlando, FL

*Provider for building enclosure commissioning, consulting, design and forensics, quality assurance services, and testing for acoustics, curtain walls, fenestration products, roofs, air barriers, waterproofing and claddings such as masonry, precast, stone, metal panels, terra cotta, Exterior Insulation and Finish Systems (EIFS) and Stucco.*

**Senior Project Consultant** • June 2020 - Present

**BASF Corp - Wall Systems**, Jacksonville, FL

1981 – 2019

*Manufacturer of construction products including EIFS, stucco, air/water-resistive barriers, and single ply (EPDM) roofing; predecessor companies due to acquisition included Senergy, Harris, SKW-MBT, and Degussa.*

**Manager, Engineering & Development** • 2006 – 2019

Managed independent testing, product/system design and development, maintained building code/regulatory compliance, developed technical literature and strategies for all brands of products. Provided sales, marketing, and customer support. Provided oversight for field investigations, litigations, claim resolution, personnel, and budget. Served on cross functional teams including management and product development.

- Active in trade, standards, and building codes through participation in industry associations and committees.
- Ideated and developed an innovative construction product with a third-party, conducted testing, secured building code approvals, developed bulletins, helped develop industry standards, and took product from concept to launch.
  - Product was launched, which positioned company as innovator, and created new revenue stream for company, which now licenses sale to competitors on a royalty basis.

**Degussa / Senergy, LLC**, Jacksonville, FL

*Manufacturer of Exterior Insulation and Finish Systems (EIFS), Stucco, and Architectural Coatings.*

**Vice President, Engineering & Development** • 2001 – 2006

- Overall technical responsibility for all brands of products including independent testing, product/system design and development, and maintaining building code/regulatory compliance.
- Developed technical literature and strategies, provided sales/marketing support, technical service, and claim resolution.

**SKW-MBT / Senergy, Inc.**, Jacksonville, FL

*Manufacturer of Exterior Insulation and Finish Systems (EIFS).*

**Vice President, Engineering & Development** • 1999 – 2001

- Primary responsibilities for Senergy brand products included independent testing, product/system design and development, maintaining building code/regulatory compliance, developing technical literature and strategies, sales/marketing support, and participating in trade as well as standard development groups/activities.

**Harris Specialty Chemicals, Inc.**, Jacksonville, FL

*Manufacturer of Various Specialty Building Products & Systems.*

**Director, Engineering Services** • 1996 – 1999

- Administered Engineering Services for Senergy, Thoro Systems, and Enviroseal brand products. Primary responsibilities included independent testing, product development, and building code/regulatory compliance.

**Senergy, Inc.**, Cranston, RI

*Manufacturer of Exterior Insulation and Finish Systems as well as Single Ply Roofing Systems.*

**Vice President, Technical Services** • 1993 – 1996 ✧ **Manager, Technical Services** • 1986 – 1993

**Supervisor, Engineering Services** • 1983 – 1986 ✧ **Technical Service Representative** • 1981 – 1983

- Provide leadership and administered seventeen-person R&D, Field Service and Engineering Service Technical Department.
- Primary responsibilities included system and product improvement/development, project inspections, contractor training, troubleshooting, claims, sales support, development of technical literature, product testing, and seeking/maintaining building code/regulatory compliance.

**Oak Roofing & Sheet Metal Works**, Woburn, MA

*Commercial and Industrial Roofing and Sheet Metal Contractor*

**Project Manager & Estimator** • 1980 – 1981

- Shop drawings, estimating, and submittal preparation.
- Job site and employee supervision

## Education & Professional Development

**B.S., CIVIL ENGINEERING**, ROGER WILLIAMS COLLEGE, BRISTOL, RI

**A.S., BUILDING CONSTRUCTION**, WENTWORTH INSTITUTE OF TECHNOLOGY, BOSTON, MA

### PROFESSIONAL DEVELOPMENT

LEED Green Associate Study Course | University of North Florida | 2010 MS Project | October 2005  
Market-Driven Management Workshop | Jim Hlavacek, The Corporate Development Institute | 2003

## Industry Leadership Positions

- Subcommittee Chairperson, ASTM E6.58 (Performance of EIFS).
- Task Group Chairperson, ASTM C11.03 (Non-Metallic Lath).
- EIFS Industry Members Association (EIMA) – past member of Technical Committee and Board of Directors
- Past Co-Chairperson - ASTM Symposium on Exterior Insulation and Finish Systems (EIFS)

## Professional Affiliations

- ASTM E6 (Building Performance), C15 (Manufactured Masonry Units), C16 (Thermal Insulation), National Institute of Building Sciences/Building Environment, C11 (Gypsum and Related Products) and Building Thermal Envelope Council (BETEC)
- EIFS Industry Members Association (EIMA)
- Florida Lath and Plaster Bureau (FLAPB)
- Building Enclosure Council (BEC) Jacksonville

## Select Publications

- ASTM STP 1187 - Development, Use, and Performance of EIFS (Retrofit: Considerations and options)
- ASTM STP 1269 - EIFS Materials, Properties, and Performance) Projected Life Cycle Costs of an EIFS - co-author with Jason Iacovelli
- BEST 2 Conference – Performance of Glass Fiber Lath as a Plaster Base in Exterior Portland Cement Plaster (Stucco)
- ASTM STP 1585 - Design and Construction Considerations for EIFS and Exterior Wall Claddings that incorporate Continuous Insulation (CI)
- Performance of Exterior Envelopes of Whole Buildings VIII - Monitoring Performance of EIFS Clad Dwellings - co-authored with Eric Auman
- 11<sup>th</sup> Canadian Building Science & Technology Conference- Glass Fiber Lath in Portland Cement Plaster (Stucco)
- RCI Interface Magazine - Non-Metallic Plaster Bases (Lath) in Portland Cement Plaster
- Exterior Insulation and Finish Systems (EIFS): Performance, Progress, and Innovation—Book of seventeen papers from ASTM STP 1585 - co-editor with Peter Nelson
- Prism – Do you need a NFPA 285 tested wall assembly for a project?
- The Construction Specifier – New Finish Options for EIFS
- Walls and Ceilings - Lath Accessories for CI Stucco Claddings
- Walls and Ceilings – Innovative Lathing and Trim Accessories
- Trade magazines such as Construction Dimensions and Construction Specifier

## 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

## Volunteer

- Habitat for Humanity
- The Players Championship at TPC Sawgrass – Tournament Support, Escort Marshal and 17<sup>th</sup> Hole Marshal
- Rotary Club of Ponte Vedra Beach