



Knowledge | Experience | Solutions

BUILDING EXTERIOR SOLUTIONS

A Terracon COMPANY

EXPERIENCE

Mr. Posenecker joined Building Exterior Solutions, Inc. (BES) in March of 2015. He is a registered engineer in the State of Texas. His experience includes the design, construction, testing and forensic investigation of building envelope systems. Previously, he was an Estimating Manager with Chamberlin Roofing and Waterproofing from 2005 through 2015, Project Manager for Advanced Environmental Concepts from 1997 through 2005, an Engineering Team Leader at Southern Company Services from 1987 through 1997, and a Senior Engineer with Bechtel Power from 1982 to 1987. Throughout his career, Mr. Posenecker has participated in a wide variety of projects associated with the building envelope that include containment systems for commercial nuclear power plants; noise control systems for commercial and institutional projects; and waterproofing for commercial high-rise office and multi-family buildings, medical and educational institutional projects, and large concrete structural projects. Mr. Posenecker specializes in waterproofing and cladding systems associated with the building envelope. He is an active member in several professional organizations including the Austin Building Enclosure Council (BEC), National Institute of Buildings Sciences (NIBS), and the International Concrete Restoration Institute (ICRI).

REPRESENTATIVE PROJECTS

New Construction Waterproofing

- Block 24 "The Independent", Austin, TX – Design review services for air barrier and flashings, horizontal elevated deck waterproofing, pedestal and pavers and joint sealants.
- University of Texas McCombs School of Business, Austin, TX – Construction services for below grade waterproofing, air barrier and flashings, horizontal elevated deck waterproofing and pedestal and pavers and joint sealants.
- Woodall Rodgers Park, Dallas, TX – Elevated structure waterproofing over Woodall Rodgers Highway connecting uptown and downtown.*
- Granite Gables Condo and Office Building, Dallas, TX - Below grade waterproofing, Air barrier and through wall flashing, horizontal elevated deck waterproofing and pedestal and pavers, expansion joints and traffic coatings and joint sealants.*
- JW Marriott, Austin, TX - Below grade waterproofing, Air barrier and through wall flashing horizontal elevated deck waterproofing and pedestal and pavers, traffic coatings and joint sealants.*
- ABIA CONRAC Garage – Expansion joints, traffic coatings, dampproofing, through wall flashings, split slab waterproofing and joint sealants.*

Remedial Construction Waterproofing

- Clements Building – Stone repair, wet glazing and joint sealants.*
- LBJ State Building, Austin, TX – Stone repair, wet glazing, galvanic corrosion protection and joint sealants.*
- Price Daniels State Building, Austin, TX - Stone repair, wet glazing, and joint sealants.*
- Reagan State Building, Austin, TX - Stone repair, elevated deck waterproofing, and expansion joint and joint sealants.*
- AMD Cistern Crack Injection, Austin, TX – Hydrophobic grout crack injection to seal cracks in concrete slab and walls.*
- Samsung, Austin, TX – Hardened roof waterproofing repairs, joint sealants and penetration flashing.*

REPRESENTATIVE EXPERIENCE

- Mechanical system engineer for HVAC pressurization and filtration systems during primary hydro, fuel load and startup of various new commercial nuclear power plants*
- Member of PWR advanced reactor design control HVAC design team.*
- Project management and utility economics trained by the Southern Company.*
- Noise control design and construction for industrial, commercial and studio projects.*
- Trained in Crosby Continuous Improvement Quality Program.*

*Projects performed prior to joining the BES team

JOHN POSENECKER

Senior Engineer



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EDUCATION

Auburn University
Bachelor of Science, Mechanical
Engineering, 1982

REGISTRATION

Professional Engineer in TX

PRACTICE AREAS

Building Envelope Design
Building Envelope Assessment
Design Peer Review
Construction Observation
Repair and Rehabilitation Design
Waterproofing Systems
Exterior Wall Systems
Stone Cladding Systems

PROFESSIONAL AFFILIATIONS

Building Enclosure Council:
Austin (BEC) Past Chair 2011 -
present

National Institute of Building
Science (NIBS)
The Building Enclosure
Technology and Environment
Council (BETEC)

Air Barrier Association of
America (ABAA) Contractor
National Committee 2014 –
present

International Concrete Repair
Institute (ICRI) Secretary of
Austin Chapter