



EDUCATION

- North Carolina State University
 - Bachelor of Science, Industrial and Systems Engineering, 2008

PRACTICE AREAS

- Roof Assessment and Design
- Building Enclosure Consulting
- Building Enclosure Testing
- Facade Assessment
- Water/Air Leakage Assessment
- Repair and Rehabilitation
- Litigation Consulting

REGISTRATIONS

- Certified Infrared Thermographer
- Professional Engineer in NC and TN
- Registered Roof Consultant
- Registered Exterior Wall Consultant

PROFESSIONAL AFFILIATIONS

- American Council of Engineering Companies - North Carolina - Buildings and Infrastructure Committee, past chair and vice chair
- International Institute of Building Enclosure Consultants

CONTACT

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EXPERIENCE

Eddie Brock specializes in roofing and waterproofing, with a focus on roof assessment and design, water/air leakage assessment, and repair and rehabilitation design for building enclosure systems. Mr. Brock has designed and overseen a wide range of building enclosure projects for K-12 school systems, universities, government entities, property management firms, private companies, engineers, architects, and contractors.

REPRESENTATIVE PROJECTS

Roof Assessment and Design

- Duke University, Southgate Residence Hall - Durham, NC: Design, bidding, and construction administration services for roof replacement *
- North Carolina State University, Avent Ferry Complex - Raleigh: Roof thermography, design, bidding, and construction administration services for roof coating, roof replacement, and wall coating *
- East Carolina University, Minges Coliseum - Greenville, NC: Design, bidding, and construction administration services for roof coating and roof replacement *

Building Enclosure Consulting

- Duke University, Duke Alumni Center - Durham, NC: Building enclosure commissioning services, including design review, quality assurance observations, window performance testing, and air barrier adhesion testing *
- One City Plaza Building - Raleigh, NC: Roof thermography, removal of existing facade components to investigate concealed conditions, design, bidding, and construction administration services for building enclosure repairs *
- The Devon Four25 - Raleigh, NC: Visual assessments of roofs, walls, and fenestration systems; general recommendations to address conditions observed

Building Enclosure Testing

- Fenton Mixed-Use Development - Cary, NC: Air infiltration and water penetration testing of newly installed fenestration systems; quality assurance observations *

- Grove 98 Apartments - Wake Forest, NC: Air infiltration and water penetration testing of newly installed fenestration; quality assurance observations *
- Cary Academy Building - Cary, NC: Water penetration testing of new curtain wall entrance and quality assurance observations *

Facade Assessment

- Sinclair Broadcasting - Raleigh, NC: Assessment of stucco cladding and fenestrations*
- 4200 Morganton Road - Fayetteville, NC: Assessment of brick masonry and fenestrations *
- 810 Broadway - Nashville, TN: Assessment of roof assemblies, brick masonry, stone cladding, and fenestrations *

Water/Air Leakage Assessment

- Palisades III - Raleigh, NC: Visual assessment, diagnostic water spray testing, and repair design assistance
- RTI Holden Building - Research Triangle Park, NC: Diagnostic water spray testing, removal of existing roof components to investigate concealed conditions, repair design, and performance verification water testing of repairs
- Massage Envy - Wilmington, NC: Visual assessment and diagnostic water testing

Repair and Rehabilitation

- Riverbirch Parking Deck - Durham, NC: Visual assessment, design, bidding, and construction administration services for deck repairs *
- Blount Street Parking Deck - Raleigh, NC: Visual assessment, design, bidding, and construction administration services for deck repairs *
- North Carolina Arboretum - Asheville: Visual assessment, removal of existing facade components to investigate concealed conditions, and preliminary design of building enclosure enhancements *

* Indicates projects prior to WJE