



CORPORATE INFORMATION

What You Should Know About Us:

- Building Envelope Testing LLC (BET) is a locally based independent testing lab with a full fenestration and building envelope testing facility in Roselle Park, NJ. We are a calibrating lab; this means we build and calibrate our own equipment and instruments to NIST or other nationally traceable standards. Located in Roselle Park, NJ, we are the only local ABAA lab in the NYC metropolitan area and are 20 miles from Manhattan. (<http://www.airbarrier.org/member-profile/?id=1222>)
- Façade and façade component testing is our only business. Our area of concentration is field verification of the built environment through standard and custom test methods. We provide testing for new construction projects, retrofit projects and leak investigations.
- We do not participate in the design of a project except to recommend the appropriate test methods for a project. This allows us to remain independent from the design team.
- We do not provide Certification Testing (Label Program) for the window/façade system manufacturer. This allows us to remain independent from the window/façade system manufacturer.
- Our principals and managers have a combined 30+ years of fenestration design and testing experience. We are participating members of many standard development bodies and government agencies. BET employees are participating, voting, and chair committee members of the following:
 - ASTM, E6, and E5
 - AAMA – Method of Test Committee and Sub-Committees
 - BPI – Standards Development Committee
 - ASHRAE – Building Envelop Technical Committees
 - NYC DOB Chapter 17 Committee
 - NYC DOB Energy Code Committee
 - NYC DOB FISP Committee
- All our test equipment is calibrated/validated to AAMA, ASTM, and our in-house protocols. Most protocols are performed using NIST traceable baseline instruments. When more economical, our instruments are replaced in lieu of calibrated. New units are purchased with NIST traceable certification documentation.
- We are a New York state business entity, locally based with local employees in the tri-state.
- “We do the hard ones!”

BUILDING ENVELOPE TESTING LLC

Lab Address
174 West Westfield Ave
Roselle Park, NJ 07204

Remit to:
P.O. Box 951
Cranford, NJ 07016
PHONE 844-883-7852

Mailing Address
90 State Street Office 40
Albany, NY 12207



Services Offered – Variety of Field and Lab Façade QC Testing Including

Some of the Standard Tests We Perform Are the Following:

AAAM 501.2	AAMA 502-12	AAMA 503-14	ASTM E783	ASTM E1105
ASTM E331	ASTM E330	ASTM E283	ASTM E547	AAMA 511
ASTM E1186	ASTM D4541	AAMA 501.1	ASTM E488	ASTM E2387

Anchor/embed Pull Testing – ATSM and Project Specific Standards up to 10,000 lbs. in tension, shear and combined tension and shear

Sealant Adhesion Testing

Insulation stick pin adhesion testing – custom short and long-term protocols developed for the NYCSCA

Investigative Leak Testing

Whole Building Air Leakage Testing (Blower Door) for Large Buildings

Custom Protocols Based on Project Requirements

NYC SCA Housing & DDC Membrane Testing and Inspection Protocols

NYC SCA Protocols per Sections 07272 & 07274:

Qualitative Testing

Chamber Depressurization using Liquid Detection, “bubble gun test” (ASTM E1186 4.2.7). Our equipment includes a Deflesko Posi test air tester or a custom unit manufactured by BET with various chamber sizes to suit project.

Chamber Pressurization in Conjunction with Tracer Smoke (ASTM E1186 4.2.6). Our equipment includes custom built blowers with theatrical smoke machines. Pressure monitoring is done using Testo 510i digital Bluetooth monometers.

Quantitative Testing

Membrane Adhesion Testing (ASTM D4541). Our equipment includes a Mark 10 handheld digital dyna manometer or a Com-ten digital extractor, model 1000.

Air Leakage Testing (ASTM E283 & E783). Our equipment includes custom digital flow meters and speed-controlled blowers.

Whole Building Air Testing per NYC Energy Code. BET can provide testing on buildings up to 70,000 square feet, utilizing our 15 TEC Minneapolis Model 3 blower door fans.

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Public School 129

Contractor: NYCSCA

Architect: In house

Façade Consultant: In house

Scope: membrane adhesion testing, chamber smoke testing and bubble gun testing



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Intermediate School 35

Contractor: NYCSCA

Architect: In house

Façade Consultant: In house

Scope: membrane adhesion testing, chamber smoke testing and bubble gun testing



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Reference/Project List:

Cornell University

College of Veterinary Medicine (Ithaca) – Window, Curtainwall and Air Barrier Testing

Upson Hall (Ithaca) – Window Testing

New Jersey State Capital (Trenton NJ) – Whole Building Air Leakage Measurement of Rotunda Building

PS 129 Q (NYC) - SCA Testing

Grand Concourse Academy Charter School (NYC) – Window Testing

Ronald Macdonald House (NYC) – Anchor Bolt Testing

49 Chambers Street (NYC) – Window Testing, Membrane Testing, Anchor Testing

The Woolworth Building (NYC) – Anchor Pull Testing

Hackley School (Tarrytown, NY) – Membrane Testing

55 Bank Street (White Plains) – Window Testing

PS 36M (NYC) - SCA Testing

Tiffany's 57 St Flagship Store (NYC) – Window Leak Investigation

Brooklyn Navy Yard Building 77 (NYC) – Window Testing

Verizon Building (Yonkers) – Window and Membrane Testing

LaGuardia Airport (NYC)

Terminal B Concourse – Membrane Testing

Headhouse – Membrane Testing

Horace Mann School (NYC) – Curtainwall Testing

First Republic Bank, Canal St Branch (NYC) – Investigative Testing

90 Morton St (NYC) – Fenestration Air Leakage Testing (NYCDOB Compliance)

Monmouth County Courthouse (New Jersey) – Investigative Testing (windows and membrane)

Avalon Sheepshead Bay (NYC) – Washer Bolt Compliance, Limit Arm (NYC DOH and NYS DOL)

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Tamany Hall (NYC) – Anchor Bolt Pull Testing

151 Maiden Lane (NYC) – Curtainwall Testing, Fuel Burning Appliance and Generator Duct Testing per the NYC Fuel Gas and Mechanical Codes

Bond St Hotel (NYC) – Adhesion (Pull) Testing of Carbon Fiber Reinforcing

200 Amsterdam (NYC) – Curtainwall Testing, Embed Testing

Memorial Sloan Kettering (NYC) – Façade Testing (storefront level)

Hostos Community College (NYC) – Fenestration Air Leakage Testing (NYCDOB Compliance)

Mid-State Correctional (Marcy, NY) – Window Testing

Barclays Bank

Building 300 – Commissioning Protocol Testing for Curtainwall and Membrane

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ConEd North Broadway HQ (White Plains) – Window and Membrane Testing

Brooklyn Academy of Music – Anchor Bolt Testing

New York University

7-13 Washington St (NYC) – Window Testing

251 Mercer St (NYC) – Curtainwall Mockup Testing

Turkish Consulate to the UN (NYC) – Curtainwall Testing

The Collegiate School (NYC) – Investigative Testing (Curtainwall)

The Moxy Hotel Downtown (NYC) – Window Testing

Ironside Newark (New Jersey) – Window and Curtainwall Testing

10 Nevins St (NYC) – Window Testing

Highschool for Health (NYC) - SCA Testing

PS 69 (NYC) - SCA Testing

Spence School (NYC) - Hose and Chamber Testing

PS 14 (NYC) - SCA Testing

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