



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 Middletown, NY. We are a calibrating lab; this means we build and calibrate our own equipment and instruments to NIST or other nationally traceable standards. We are the only local ABAA lab in the NYC metropolitan area and are 60 miles from Manhattan. (<http://www.airbarrier.org/memberprofile/?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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