

Forensic Services



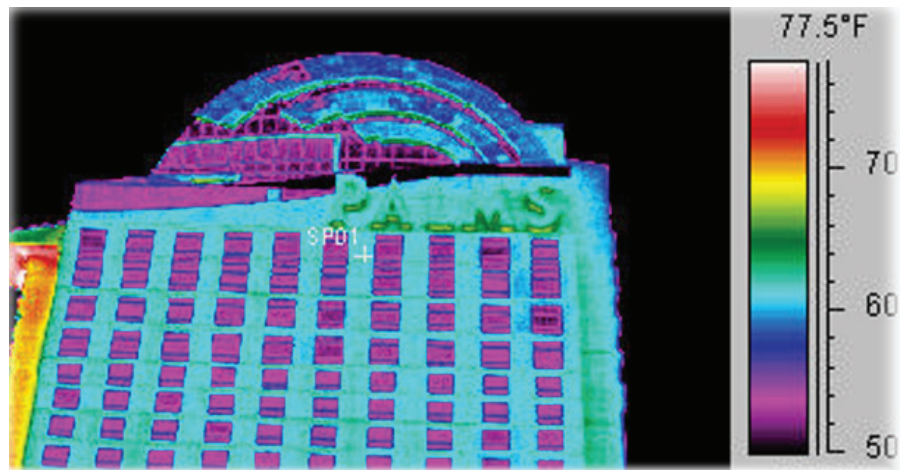
Forensic Services Fast Facts

- Over 20 years experience in a wide range of projects for schools, hospitals, government buildings, residences, hotels, sports and entertainment complexes.
- Fully accredited test laboratory analysis.
- Regional laboratories on both coasts and the Midwest minimize travel and incidental costs typically encountered when employing building forensic experts for litigation support.
- Backed by over 150 years of combined experience in building analysis.

Value

When water-leakage or condensation problems occur, an investigation is needed to establish corrective actions or determine liability. As the leader in fenestration and building-materials performance testing, Architectural Testing provides a wide array of forensic services to give scientific findings along with our expert opinion.

Our services help minimize or eliminate the problem's financial impact, identify responsible parties, develop remedial plans and provide our clients with options. Our clients include architects, consultants, contractors, manufacturers, developers, property managers and owners.



For over 20 years, ATI has been called upon to provide forensic services for installed fenestration products and wall systems—a level of expertise that makes us a trusted authority when reputations are at stake.

Forensic investigations include:

- A thorough review of project documents including; plans specifications, contracts, change orders, depositions, correspondence and RFI's.
- Interview of knowledgeable building personnel.
- Visual site inspections including a wide variety of non-destructive testing methods.
- Water testing and inspection probes to accurately identify the conditions.
- A written forensic investigation report including repair options and recommendations.
- Assistance through mediations via presentations and opinions.
- Expert witness testimony.

Building envelope areas of expertise include:

- Waterproofing
- Acoustics
- Thermal
- Material Testing
- Structural

Forensic Services

Forensic services include:

- Forensic investigations
 - New construction field QA/QC
 - Waterproofing consultation
 - Condition Surveys (pre-purchase surveys)
 - Shop drawing reviews
 - Peer reviews of waterproofing details
- ***specializing in windows, doors and curtain walls.

Innovations

Architectural Testing continues to develop new techniques and machinery for field testing and evaluations. We are the industry leader in field dynamic water testing, which simulates wind driven rains better than any other technology available today. Architectural Testing continues to invest into research and development yielding new equipment such as portable dynamic wind and water spray assembly.

Architectural Testing is an industry leader in non-destructive testing methods such as infrared thermal imaging for detection of heat loss, air flow, water vapor and moisture infiltration. We also have optical borescopes capable of capturing streaming video of spaces that are tightly concealed.

Insights and Possibilities

Many variables affect the performance and service life of fenestration products and building materials. That's why it's valuable to work with a firm that offers a comprehensive range of laboratory, environmental, and field test programs. With Architectural Testing, you get the knowledge and experience of over 200 employees and 15 disciplines working closely with our forensics department.

Our customers draw upon our expertise in over 700 test methods performed in accordance with ASTM, AAMA, ANSI, military, and international standards, including ICC. And we continue to develop procedures and apply new test methods to meet customer requirements.

