

Building Envelope Services

Our of professional engineers, architects and certified roof and building envelope professionals, provides specialized facility assessment services. Starting with a series of collaborative conversations, we work with the client to determine a consultative solution tailored to meet the specific project needs.

At a glance

75M

square feet
delivered

400+

LEED & WELL staff
accreditations

1,000+

projects completed
annually

Services provided

- Third-party reviews of waterproofing, roofing and thermal analysis of windows during the Design Development and Construction Document Phases.
- Roof assessments, including infrared thermography, inductance testing, roof coring, deck pull test and wind uplift testing on exiting roof assemblies.
- Roofing and exterior wall system construction documents, contract administration, bid solicitation, and construction oversight.
- Building envelope assessments using registered architects, engineers and surveyors, in addition to our national network of local certified rope access professionals in each major MSA that repel building exteriors to observe conditions of window and wall assemblies.
- Building envelope construction observations of window and wall assembly installations including EIFS, stucco, masonry wall systems, aluminum/metal wall panels, curtain walls, glazing systems, precast and stone panel systems.
- Building envelope AAMA/ASTM water testing, ASTM wet/dry film testing of fluid applied air barriers and other ASTM testing of building envelope components.
- Testing/inspection of façade access systems per OSHA, ANSI & Cal-OSHA Standards (roof davit and safety tie-back systems).
- Forensic building envelope investigations and expert witness testimony.
- Storm (hail, wind, water) damage investigation for roofing and exterior wall systems.

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Additional services

- Visual roof evaluation
- Destructive roof evaluation
- Visual façade evaluation
- Destructive façade evaluation
- Waterproofing evaluation
- Roof management program
- Infrared survey/scan
- Nuclear survey/scan
- Capacitance survey/scan
- Roof repair/replace scope/specs/bid
- Waterproofing repair/replace scope/specs/bid
- Document review
- Project management
- Quality assurance roof
- Quality assurance waterproofing
- Roof systems data base
- Roof maintenance program
- Waterproofing maintenance program
- Education seminars/training/technical advice
- Warranty claims and inspection assurance
- Roof commissioning
- Waterproofing commissioning
- Forensic (destructive) investigation
- Manufacture and contractor/installer assistance
- Problem job/special inspections/troubleshooting recommendations
- Parking lot, deck and garage consulting and inspection services
- Installer referral and qualifications
- General building inspections/PCA
- Mold inspection services
- Water feature/retention pond services
- Drone services
- Custom aerial imaging

How can we help?

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