



EDUCATION

- University of Illinois at Urbana-Champaign
 - Bachelor of Science, Architecture, 1993
 - Master of Architecture, Architecture, 1995
 - Master of Science, Civil Engineering, 1996

PRACTICE AREAS

- Roofing and Waterproofing
- Peer Review
- Leakage Investigation
- Repair and Rehabilitation Design
- Construction Documents and Specifications
- Construction Observation Services
- Prepurchase Surveys
- Condition Assessments
- Litigation Consulting

REGISTRATIONS

- Architect in CA and HI

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- ASTM International
- Construction Specifications Institute

CONTACT

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EXPERIENCE

Robert Kerns has broad-based experience in evaluations, condition surveys, investigations, and water testing of exterior envelope building systems on various structures and facilities. He provides exterior envelope peer review and design assistance services for developers, architects, building owners, and contractors. Mr. Kerns' expertise also includes below-grade waterproofing, windows and doors, curtain walls, plaza waterproofing, and roofing.

Mr. Kerns also specializes in exterior wall cladding such as portland cement plaster (stucco), EIFS, cement board siding, rain screens, metal panel, stone, and precast concrete. He provides repair and replacement design services for exterior envelope systems. Mr. Kerns' projects also involve developing construction drawings, specifications, and project bidding and contracting requirements, and he provides litigation support services for construction defect-related cases.

REPRESENTATIVE PROJECTS

Peer Review

- St. Joseph's Senior Housing - Oakland, CA: Slate roofing, metal roofing, masonry, and wood window-design assist services for historic building
- Sugar Bowl Ski Vacation Residence - Norden, CA: Exterior envelope peer review and design-assist services for new vacation residence
- Temple Judea - Tarzana, CA: Exterior envelope peer review and design-assist services for the renovation and expansion of temple

Leakage Investigation

- Bayhill III Office Center - San Bruno, CA: Leak investigation of a low-rise, precast concrete-clad office building with aluminum storefront windows
- Consulate Residence - San Francisco, CA: Leak investigation of historic masonry residence

Repair and Rehabilitation Design

- Aloha Stadium - Honolulu, HI: Repair design of waterproofing systems of the stadium concourses
- Glenridge Cooperative Apartments - San Francisco, CA: Design of wood siding and roofing repairs on a complex of two-story residential apartments

Construction Documents and Specifications

- 1448 Young Street - Honolulu, HI: Investigation and replacement design of high-rise roofing system
- 3400 Data Drive - Rancho Cordova, CA: Roofing replacement design and construction administration and observation services
- Zellerbach Hall, University of California, Berkeley: Design of coal tar-roof repair and multiple-ply built-up roofing replacement for theater building

Construction Observation Services

- 5800 Third Street at Carroll Street Station - San Francisco, CA: Exterior envelope construction observation services of new condominium buildings
- The Regency Plaza Apartments - Martinez, CA: Construction observation services for the repair of a fire-damaged three-story apartment building

TECHNICAL COMMITTEES

- ASTM D08 - Roofing and Waterproofing
- ASTM D20 - Plastics