

### Frank Xiong | Senior Associate



#### EDUCATION

- Tulane University
  - Bachelor of Architecture, 2014
  - Master of Architecture, 2014

#### PRACTICE AREAS

- Architectural Testing
- Coatings and Sealants
- Repair and Rehabilitation
- Litigation Consulting
- Roofing and Waterproofing
- Peer Review

#### REGISTRATIONS

- Architect in Hawaii
- National Council of Architectural Registration Boards

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects

#### CONTACT

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#### EXPERIENCE

Frank Xiong has a wide range of experience in water intrusion investigations, window condition assessments, materials testing, waterproofing design, roofing design, concrete repair, and design reviews. He specializes in water leakage, deterioration, and other issues involving building enclosures.

Mr. Xiong has led investigations, developed design documents, and been involved in construction period phases of numerous building repair projects. He has also performed and supervised the testing of exterior cladding components based on standards developed by ASTM International, ANSI, and the American Architectural Manufacturers Association, as well as procedures developed for specific projects.

Mr. Xiong has worked with architects, condominium association, contractors, institutional facility managers, insurance companies, and commercial property managers on numerous projects. He also has experience working with government agencies including the Hawai'i Department of Education, the University of Hawai'i, and Hawai'i Department of Accounting and General Services.

#### REPRESENTATIVE PROJECTS

##### Architectural Testing

- 1133 Waimanu Condominium Building - Honolulu, HI: Roof condition assessment
- Luxury Row Retail Building - Honolulu, HI: Roof condition assessment
- University of Hawai'i at Mānoa - Honolulu, HI: Water leakage investigations at various buildings
- Sheraton Waikiki - Honolulu, HI: Water infiltration testing

##### Coatings and Sealants

- One Waterfront Tower - Honolulu, HI: Sealant adhesion testing, curtain wall sealant repair, and construction period services
- Capitol Place Condominium - Honolulu, HI: Exterior coating adhesion testing
- Royal Kuhio Condominium - Honolulu, HI: Facade condition assessment

#### Repair and Rehabilitation

- Mt. Terrace Condominium Window Replacement - Honolulu, HI: Investigation, design, and construction period services
- 677 Ala Moana - Honolulu, HI: Preparation of construction documents and construction period services for spall repair, waterproofing, and coatings
- University of Hawaii at Mānoa, East West Center - Honolulu, HI: Roofing design and construction period services
- Hale Koa Hotel - Honolulu, HI: Design and construction period services for roofing and concrete repair

#### Litigation Consulting

- Construction Defects Class Action Lawsuit - Oahu, HI: Destructive testing documentation and code compliance consulting.
- Various Commercial Properties - Coefficient of friction testing and code compliance consulting

#### Roofing and Waterproofing

- University of Hawai'i at Mānoa, Stan Sheriff Center - Honolulu, HI: Investigation, preparation of construction documents, and construction period services for perimeter ring beam roof replacement
- Hilo Counseling Center - Hilo, HI: Preparation of construction documents for subgrade waterproofing replacement design
- Hilton Hawaiian Village - Honolulu, HI: Leakage investigation, construction documents, and construction period services
- Four Seasons Hotel Exterior Deck Waterproofing - Lana'i, HI: Design consulting and construction period services
- Royal Kuhio Condominium Recreation Deck Renovation - Honolulu, HI: Investigation, preparation of construction documents, and construction period services

#### Peer Review

- University of Hawai'i at Mānoa, Life Science Building - Honolulu, HI: Construction period peer review and evaluation services
- Sheraton Maui Resort and Spa - Lahaina, HI: New construction peer review services