



EDUCATION

- The Pennsylvania State University
 - Integrated Bachelor/Master of Architectural Engineering, 2008

PRACTICE AREAS

- Architectural Testing
- Peer Review
- Building Enclosure Consulting
- Failure/Damage Investigations
- Roofing and Waterproofing
- Windows/Curtain Walls/Skylights

REGISTRATIONS

- Professional Engineer in CA

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- American Society of Testing and Materials (ASTM)

TECHNICAL COMMITTEES

- ASTM D08 - Roofing and Waterproofing

CONTACT

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EXPERIENCE

Alex Kosis specializes in the design, investigation, and consultation of building enclosures across a variety of industry sectors, including residential, commercial, institutional, and industrial facilities. Additionally, he has experience with architectural testing of a variety of fenestration types for performance confirmation, leakage investigation, and litigation support. Mr. Kosis' breadth of experience in design, peer review and construction phase consulting allows him to approach projects with a balanced perspective and find technically sound solutions that account for the unique circumstances of each project.

Prior to joining WJE, Mr. Kosis was a building enclosure consultant for over ten years in the Washington, D.C. and San Francisco markets. During that time, his primary role included project engineer for a variety of building types and enclosure systems.

REPRESENTATIVE PROJECTS

Architectural Testing

- Snowmass Base Village - Snowmass, CO: Performance testing new window, storefront, and door assemblies
- United Therapeutics Office - Silver Spring, MD: Air and water testing of exterior doors, windows, and metal panels. Flood testing of roof and plaza waterproofing assemblies. Building enclosure design and construction review*
- Loyola Blakefield School, Knott Hall - Towson, MD: Investigative testing at windows and stone mass walls*

Peer Review

- 99 South Broadway - Denver, CO: Building enclosure design review
- University of California Merced 2020 Project - Merced: Building enclosure design review of fourteen new buildings*
- U.S. Corps of Engineers Army Defense Logistics Agency - New Cumberland, PA: Building enclosure design review for office and laboratory*

Building Enclosure Consulting

- Oceanwide Center - San Francisco, CA: Roofing and waterproofing design and construction phase observation services*
- Tesla Gigafactory - Sparks, NV: Construction phase roofing observation services at 5.5-million-square-foot facility*
- Department of Defense BRAC-133 - Alexandria, VA: Construction phase observation services for 3.3 million-square-foot office*

Failure/Damage Investigations

- The Source Hotel - Denver, CO: Investigation of aesthetic issues related to metal wall panels
- Princeton University, Firestone Library - Princeton, NJ: Investigation of plaza waterproofing and window leakage*
- Academy of Motion Picture Arts and Sciences - Los Angeles, CA: Stone masonry cladding investigation*

Roofing and Waterproofing

- Gaylord Rockies Resort and Convention Center - Aurora, CO: Construction observations services for roof installation
- Lucile Packard Children's Hospital - Palo Alto, CA: Plaza and below-grade waterproofing consulting and construction phase observations for new hospital*

PUBLICATIONS

- A.J. Kosis, M.J. Normandeau, and P.A. Sujka, "Below-Grade Waterproofing Warranties – The Common Misperception," Building Enclosure (Online and Print Edition), Nov. 2017

**Indicates with previous firm*