



EDUCATION

- City University of Hong Kong
 - Bachelor of Engineering, Building Engineering, 2013
- University of Bath
 - Master of Science, Modern Building Design, 2017
- University of West of England
 - Master of Science, Facade Engineering, 2021

PRACTICE AREAS

- Envelope and Structure Fire Safety
- Building Envelope Consulting
- Building Envelope Evaluation, Design, and Construction Quality Assurance
- Building Envelope Condition Assessment

REGISTRATIONS

- Chartered Engineer of Engineering Council
- Chartered Institution of Building Services Engineers
- Society of Facade Engineering, fellow member

PROFESSIONAL AFFILIATIONS

- Institution of Fire Engineers, associate member

CONTACT

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EXPERIENCE

Kaman Wong has established herself as a leader in WJE's facade engineering practice. Her areas of expertise include the design and installation of a range of facade systems, including ETICS/EWI, precast concrete, GRC, terra cotta, rainscreen cladding, brickwork, stonework, unitised and stick curtain wall systems, and window/door glazing. Ms. Wong also has significant experience in evaluating the fire safety performance of building structures and external wall systems.

Before joining WJE, Ms. Wong was a lead external wall assessor at AESG, where she provided fire performance consultancy and facade assessment services for building designers, contractors, owners, developers, and investment partners. She has led the Fire Risk Appraisal of External Walls in accordance with PAS 9980 methodologies and has been actively involved in design reviews and remediation strategies for existing buildings.

Ms. Wong has extensive experience with the Building Regulations, including the appropriate application of the Building Safety Act in the UK as it relates to facade fire safety and the design and construction of the above-grade building enclosure. She also has a fundamental understanding of the Building Safety Gateway process and advises clients with the proper development of Gateway submissions across each of the RIBA stages of work in the UK.

Envelope and Structure Fire Safety

- Student Roost Student Accommodations - England, Wales, Scotland, and Northern Ireland: External wall fire risk appraisal
- Barratt Homes Residential Buildings - UK: External wall fire risk appraisal *
- Damac Tower - London, England: External wall fire risk appraisal *
- Solasta Riverside - Glasgow, Scotland: External wall fire risk appraisal *

Building Envelope Consulting

- Buchanan View - Glasgow, Scotland: RIBA stages 2 to 5 design consulting and construction monitoring
- Brentford - London, England: RIBA stages 2 to 5 design review and construction monitoring

- 130 Webber Street - London, England: Facade consultancy services, performance specification production, RIBA stages 2 to 4 design development, design review, and construction monitoring *
- Nine Elms Towers - London, England: Facade consultancy services, peer review of performance specification, and RIBA stages 3 to 4 design review and construction monitoring *
- Project Coast - Devon, England: Facade consultancy services, performance specification production, and RIBA stages 2 to 3 design development *

Building Envelope Evaluation, Design, and Construction Quality Assurance

- College Road - London, England: Facade materials technical appraisal for terra cotta tiles and technical specifications development *
- Chapter Spitalfields Reclad - London, England: Full delivery of facade technical workshop drawings for aluminium cladding, specification, and construction supervision *
- South Thames College - London, England: Full delivery of facade technical workshop drawings for brickslip and aluminium cladding, specification, and construction supervision *
- Mapleton Crescent - London, England: Full delivery of facade technical workshop drawings for windows and doors, specification, and construction supervision *

Building Envelope Condition Assessment

- The Helm - Bournemouth, England: Failure investigation and repair design consulting and development *
- Two Wall London - England: Technical due diligence report and facade condition survey *
- 4 More London - England: Facade condition survey, failure investigations, and repair design development *
- Guy's Hospital - London, England: Thermal and structural assessments for temporary construction of building while undergoing remediation *

* Indicates project work at previous firm