

Structural and façade engineering, by one team.

Structural Engineering Studio Pty Ltd · Chatswood, Sydney · 26 years

ABOUT

STRUST is a structural and façade engineering studio working on premium commercial, infrastructure and high-rise residential projects across Australia. We are trusted partners to the country's leading contractors and façade specialists, and we hold both disciplines under one roof so the frame and the envelope are engineered as one system.

REGISTRATIONS

CPEng

Chartered Professional Engineer

NSW DBP

Design and Building Practitioner

PE VIC

Professional Engineer, Victoria

NER

National Engineering Register

PE NSW

Professional Engineer, New South Wales

RPEQ

Registered Professional Engineer, Queensland

ENGINEERING SERVICES

Structural engineering

New build structural design

Alterations and additions

Concept and detail design

Seismic design

Wind reports

Handling and lifting assessments

Temporary works design

Peer review and certification

Site inspections

Façade engineering

Structural assessment of the façade

Thermal assessment

Condensation analysis

Waterproofing assessment (FP1.4 and F3P1 reports)

Blast analysis

Façade testing analysis

Computational fluid dynamics

Product development

Design for lifting

Façade types

Curtain wall and window wall systems

Glass reinforced concrete (GRC)

Glass reinforced polymer (GRP)

Architectural glass walls

Solid metal cladding (non-combustible)

Natural stone, brick and brick slip

CFC cladding systems

Signage

Existing buildings

Remedial engineering

Building inspections and condition assessment

Dilapidation reports

Cladding replacement and re-cladding certification

Weatherproofing to existing structures

SELECTED PROJECTS

Victoria & Albert

BROADBEACH, QLD

Glazed façade, balustrades, fins, secondary steel

Lidco International

Melbourne Metro OSD & Stations

MELBOURNE, VIC

Curtain wall, GRC, blast-rated façade, thermal

SRG Global · Minesco · AUGRC

Castle Grange

CASTLE HILL, SYDNEY

Full façade engineering and certification, seven buildings

Meriton

Central Markets Redevelopment

ADELAIDE, SA

Curtain wall façade and thermal analysis

Glass Wall System · Multiplex

North East Link Vent Towers

MELBOURNE, VIC

Diagrid steel structure and façade, design review and certification

Minesco

Melbourne Airport Terminal 3

MELBOURNE, VIC

Window wall, steel mullions, glazing canopy and façade portal, thermal

Minesco Facades

Y7, 899 Collins Street

MELBOURNE, VIC

Curtain wall façade, 42-storey tower and podium

Minesco Facades

51 Flinders Lane

MELBOURNE, VIC

Curtain wall glazing and brick-slip façade, podium and south tower

SRG Global

Nine by Mirvac

WILLOUGHBY, SYDNEY

GRC panel design review and certification

AU GRC

Project Remediate, Roseberry

SYDNEY, NSW

Peer review and certification of re-cladding

Multiplex Global

Garden Place Student Accommodation

BRISBANE, QLD

Weatherproofing review, FP1.4 performance solution, 924 apartments

ICEN

Rochester

BROADBEACH, QLD

Glazed façade, fins and sunshades, design review and certification

Lidco International

A selection. Clients include Multiplex, Meriton, Mirvac, Hutchinson Builders, Lidco International, SRG Global, Coronation Properties, Lipman, Minesco Facades, AU GRC and others.

TEAM

Arash Hemmati

DIRECTOR

BEng (Civil), MEng (Structural), MSc (Project Management) · CPEng · NER · MIEAust · NSW DBP · PE VIC · RPEQ

Tianhong Gu · Senior Structural & Façade Engineer

Dr Shaun Derakhshani · Senior Consultant, Building Physics

Mike Gwodz · Weatherproofing Specialist

Sima Ryan · Director, Operations

Backed by structural and façade engineers and senior drafting across the Sydney studio.

ASSURANCE

Registered in every state and territory

CPEng, NER and registration as a Professional Engineer across NSW, VIC and QLD, plus NSW Design and Building Practitioner. The work can be certified wherever it is built.

DBP-compliant documentation

Design and certification documents prepared to the Design and Building Practitioners Act, on exactly the work that gets audited.

Independent peer review

Design review and certification offered as a discrete service, including re-cladding and remediation under the NSW reforms.

STRUST 

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