STRUST

CAPABILITY STATEMENT

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

NER
National Engineering Register

NSW DBP
Design and Building Practitioner

PE NSW
Professional Engineer, New South Wales

PE VIC
Professional Engineer, Victoria

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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