G.James glass & aluminium

When Experience Matters

Wind Load Requirements for G.James Curtain Wall Products

Purpose: To provide a checklist of the information required for G.James to evaluate and price the nominated project stated, to calculate the window design pressures in accordance with the NCC.

Project: _____

Street Address: _____

Relevant Elevations/Levels: _____

Requested by: _____ **Date:** _____/_____/_____

Contact number: _____**Preferred Due Date:** _____/_____/_____

Please fill out all of Part 1 or Part 2 of this form.

PART 1

Please provide the drawings and window design pressures in accordance with the NCC as follows;

- **Typical floor plan.**

- **Relevant elevations.**

- **All figures required on one of the following tables - Table 1.1 or Table 1.2:**

  Ensure this information is inclusive of local pressure and internal pressure coefficients.

Table 1.1	ULS (kPa)	SLS (kPa)
WA1	+ve	+ve
SA1	- ve	- ve
SA2	- ve	- ve

Positive local wall cladding pressure

Negative local wall cladding pressure

Table 1.2	ULS (kPa)	SLS (kPa)
WA1	+ve	+ve
SA3	- ve	- ve
SA4	- ve	- ve
SA5	- ve	- ve

Positive local wall cladding pressure

Negative local wall cladding pressure

PART 2

Please provide the drawings and information in accordance with the NCC as follows (this enables G.James engineers to calculate the ULS and SLS required. Please note: a charge may be incurred for this service);

- **Class or classes of building under the building code of Australia.** _____

- **Building importance level.** _____

- [ ] **Wind region.** _____

- [ ] **Terrain Category (Serviceable limit state).** _____

- [ ] **Terrain Category (Ultimate limit state).** _____

- [ ] **Shielding multiplier (Ms).** _____

- [ ] **Topographic multiplier (Mt).** _____

- [ ] **Internal pressure coefficients (Serviceable limit state). +ve** _____ **/ -ve** _____

- [ ] **Internal pressure coefficients (Ultimate limit state). +ve** _____ **/-ve** _____

- [ ] **Maximum site wind speed (Serviceable limit state).** _____

- [ ] **Maximum site wind speed (Ultimate limit state).** _____

- [ ] **Site plan.**

- [ ] **Typical floor plan.**

- [ ] **Relevant elevations.**

Please return this information to your G.James representative, or for -

Commercial products, David Lloyd : david_lloyd@gjames.com.au

Residential products, John Staunton : john_staunton@gjames.com.au