

# Residential Vertical Glazing

Structure dimensions: maximum height 8 metres, maximum width 16 metres

## REQUEST FOR INFORMATION (RFI) for Design Documentation

Please email completed form to [technical@agg.com.au](mailto:technical@agg.com.au)

### Project Details

Project Name:

Site Owner / Developer:

Projects Full Street Address:

Client / Designer:

### Wind Loads

Internal Glazing?

Yes  No

Maximum Calculated Site  
Specific Design Pressure

+ SLS  kPa + ULS  kPa  
- SLS  kPa - ULS  kPa

OR

AGG to perform wind pressure  
calculation

Yes  Additional plans or project details may be required

OR

Windzone

Maximum Building Height < 8m.  
Maximum Building Width <16m.  
RESIDENTIAL DWELLING ONLY

N1  N2  N3  N4  N5   
N6  C1  C2  C3  C4

**\* Windzones are only applicable to  
structures inside of scope AS 4055**

Is any area of design within  
1.2m of a roof edge?

Yes  No

## Required Drawings

NOTE: Whole building plans are not required, just what is listed below.

Plan View	<input type="checkbox"/>
Elevation View	<input type="checkbox"/>
Fixing Details / Cross section	<input type="checkbox"/>

1. Supplied details must be suitable for completing design calculation. Photos can be supplied as supporting evidence, but are generally not sufficient by themselves
2. Please note that Building Certifiers have been known not to accept building consent details submitted on drawings which are issued as "for information". For this reason, it is recommended to provide drawings that are issued "for consent" or "for construction".
3. Please ensure that the glass and glazing details are included in the scope of this design request are clearly indicated on the supplied drawings.

## Vertical Glazing Details

### Support System

4 Edge Fully Supported (framed)

2 Edge Fully Supported (framed)

Structural Sealant Glazing

### Point Fixed (Spider)

Preferred system to support lateral loads

Steel Mullion (design by others)

Structural Glass Fin

Tension Truss

Preferred system to support dead loads

Sill supported glass assembly  
(deadweight supported by sill)

Suspended glass assembly  
(deadweight supported by head)

Largest glass panel size: (H)  mm x (W)  mm

Largest unsupported span:  
(distance between supported sides)  mm

Preferred Glass type and thickness:

## Additional Load Requirements

Will building deflection effect design?

Building movement should be considered. Please provide as much detailed information as possible as to how the building structure and glass supporting structure will move during a seismic event, wind, settling after construction and through serviceability use. Provide engineers report if available.

Does the glass protect a fall of 1m or more?

Yes  No

What are the required performance values such as U value, SHGC, colour, visible light transmission and acoustic Rw?

Full Frame  Glass Only

What are the intended frames to be used on the project?

## Additional Comments

Completed by:

Date: