

1. Window Information

Profile System:

Framing Profile:

Weight:

Transom Profile:

Weight:

Mullion Profile:

Weight:

Glass:

Glass ID

Weight

Makeup

2. Applied Load

Wind Pressure (W_e):

kN/m²

Horizontal live load (q_H):

kN/m

Height of horizontal live load:

mm

3. Materials

Aluminum:

0.2% apparent limit of elasticity $\beta_{0.2} =$

N/mm²

Thermal break:

4. Allowable Deflection

In out-of-plane direction,

In in-plane direction, d is the lower value of L/ and 3mm.

5. Results

Member ID	Tributary Area (m ²)	<u>Pressure Coefficient</u>	Applied wind load (kN/m ²)	Reaction Force (kN)			
		C _{pe} / C _{pe1}		A _k	A _d	B _k	B _d

Member ID	Status	Aluminum Stress (N/mm ²)		Thermal Break Shear Stress (N/mm)				Deflection (mm)			
				Winter		Summer		Out-of-plane		In-plane	
		σ_{max}	U_R	T_{max_w}	U_R	T_{max_s}	U_R	δ_{zmax}	U_R	δ_{ymax}	U_R