

1. Door Information

Profile system:

Framing profile:

Weight:

Transom profile:

Weight:

Mullion profile:

Weight:

Glass:	Glass ID	Weight	Makeup

2. Applied Load

Peak velolicty pressure (q_p): 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 horizontal direction,

In vertical direction,

5. Results

Member ID	Tributary area (m ²)	<u>Pressure coefficient</u> c _p	Applied wind load (kN/m ²)	Reaction force (kN)			
				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		Horizontal		Vertical	
		σ _{max}	U _R	T _{max_w}	U _R	T _{max_s}	U _R	δ _{h_max}	U _R	δ _{v_max}	U _R