

6. Result

6. Result for Structural Member

Profile Article		Length	mm	Depth	mm
A =	cm ²	I _x =	cm ⁴	I _y =	cm ⁴
Tributary area	m ²	c _p =		Wind load	kN/m ²

External loads and reaction forces

Shear forces (kN) (SLS)

Wind load	
Live load	

Bending moment (kN*cm) (SLS)

Wind load	
Live load	

Deflection (mm)

Wind load	
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Utilization check

	Wx (cm³)	Ix (cm⁴)
Available		
Required		
Utilization		
Status		

Deflection check

	Horizontal	Vertical
L (mm)		
δ (mm)		
δ _{allowable} (mm)		
Status		