

6. Result

6. Result for Structural Member

Profile article		Length	<i>mm</i>	Depth	<i>mm</i>
A =	<i>cm²</i>	I_x =	<i>cm⁴</i>	I_y =	<i>cm⁴</i>
Reinforcement		Width	<i>mm</i>	Depth	<i>mm</i>
A =	<i>cm²</i>	I_x =	<i>cm⁴</i>	I_y =	<i>cm⁴</i>
Tributary area	<i>m²</i>	c_p =		Wind load	<i>kN/m²</i>

External load

Shear forces (kN) (SLS)

Wind load	
Live load	

Bending moment (kN*cm) (SLS)

Wind load	
Live load	

Deflection (mm)

Wind Load	

Utilization check

	Profile extrusion		Reinforcement	
	Wx (cm ³)	Ix (cm ⁴)	Wx (cm ³)	Ix (cm ⁴)
Available				
Required				
Utilization				
Status				

Deflection check

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