

Site:Kladruby u Teplic**Comment:Støšní vaznice 202Z18****PURLIN SELECTION****Z PURLIN SYSTEM TYPE: SLEEVED****METAL CLADDING****Dimensions & Limits**

Span: 5.825 m

Centres: 1.850 m

Deflection Limit: Span/ 180

Roof Slope: 6.0deg.

Design Loads in kN/m^2

Dead : 0.200

Service : 0.000

Imposed : 0.600 Uniform Snow : 0.700

Wind Uplift : 0.480 Wind Pressure : 0.000

SELECTED PURLINS

Section Pass			Unfactored load for deflection	Ultimate download	Ultimate wind uplift
Required Loads in kN/m^2:			0.900	1.280	0.520
Capacity Loads in kN/m^2 :			1.847	2.765	1.053
Section Reference	Weight in kg/m	Restraint			
202.Z.18	4.88	0 Sags	1.847	2.765	1.053

The above values assume that cladding panel or liner tray is screw fixed to the section(s) at a maximum spacing of 600mm.