TOP NOTCH PURLIN SYSTEM MATERIAL SPECIFICATION

Dimond Structural Top Notch Purlins are manufactured by roll forming galvanised steel coil produced to AS 1397.

Base Metal Thickness (BMT) (mm)	Steel Grade	Yield Strength, f_y (MPa)	Zinc Weight, Z (g/m^2)
0.75	G550	550	275
0.95	G550	550	275
1.15	G500	500	275

Z450 galvanised zinc coil can be supplied with order lead times of up 12 weeks. Contact Dimond Structural on 0800 Dimond (0800 346 663).

Tolerances

Length:		±6mm
Depth/Width:	60 Top Notch purlin:	±1mm
	100/120 Top Notch purlin:	±2mm
	150 Top Notch purlin:	±3mm
Top Flange Width:		±1mm

TOP NOTCH PURLIN SYSTEM SHORT FORM SPECIFICATION

The light steel section will be Dimond Structural **(1)** Top Notch **(2)** mm BMT to a galvanised zinc weight of **(3)** g/m^2.

The sizes, lengths, span configuration, lap length where required and thickness variations are as shown on the drawing.

Fixings to rafters to be **(4)** **(5)** self-drilling fasteners.

(1) Choose from: 60, 100, 120, 150

(2) Choose from: 0.75, 0.95 (for 60, 100 and 120 Top Notch Purlins) - 0.95, 1.15 (for 150 Top Notch Purlins).

(3) Choose from: 275 or 450

(4) Choose from: 2 – 12g, 4 – 12g, 6 – 12g, 2 – 14g, 4 – 14g, 6 – 14g or 8 – 14g

(5) Choose from: Type 17 (timber), Metal Teks (steel).

TOP NOTCH PURLIN SYSTEM COMPONENTS

SUPPORT STRAP

Additional hold-down straps are required in very high wind zones and above for Top Notch purlins in a continuous internal span configuration, as specified by the design engineer.

Manufactured from 0.75mm BMT x 30mm galvanised steel strip, which is tied over the Top Notch purlin and fastened each side into the support structure as detailed below.