

Spanmor Engineering Program Tutorial

When you open the attached beam charts for the insulated panel roof you will need to click on **Enable Editing** at the top in yellow

Click on **beam configuration** or the tabs at the bottom confirming overhang

Chart A has no overhang

Chart A3 has 300mm overhang

Chart A5 has 500mm overhang


Chart A75 has 750mm overhang

Enter the **Sheet span** in the box on the left and the **Head beam** span in the box at the bottom

Click the grey box named **Find recommended beam** and the beam size will appear in the box **Recommended Beam**

Note: 150 x 150 Beam is equivalent to the 170 x 50 Beam Spans

If you require any assistance with these charts please let me know



BEAM CHART-A3 - FOR INSULATED PANEL ROOF

Head Beam With 300mm overhang
Wind Classification N1 & N2

Fixing points of roof sheets

Direction of roof fall

This diagram includes a 300mm Maximum Overhang

Head Beam

HEAD SPAN

300 mm Max

A

SHEET SPAN

4500

Recommended Beam

170

Find Recommended Beam

STRUCTURAL DETAILS SATISFACTORY

D.J. HALL B.E., M.Eng.Sc., Dip.H.E.(Delft), M.I.E.(Aust), CPENG

PH: (02) 9838 7673 CONSULTING STRUCTURAL ENGINEER

0407 225 499 No. 3, ROWLEY STREET, SEVEN HILLS NSW 2147

[Span Charts for Header Beams Supporting Insulated Roof Panels](#)

Notes:

1. Maximum span of insulated roof panel is 8000m
2. Maximum thickness of panel is 125mm with a mass of 11kg/m² or less