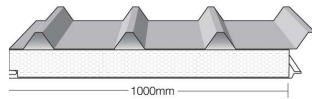


SPACEMAKER 1000 SPAN TABLES

Minimum Roof Slope = 1°



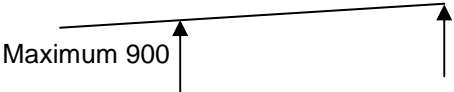
Allowable Spans for snow loads in Sub-alpine Regions

In accordance with: Snow and ice actions: AS/NZS 1170.3:2003
Imposed load on roof: AS/NZS 1170.1:2002 – Clause 3.5


Sub-alpine Regions - Where the maximum snow load is usually due to single snowfall. Wind speeds are high and all the snow normally melts and clears between individual weather systems. Therefore, the maximum snow load is due to a single or short series of snow falls.

NOTES: All tables shall be studied in conjunction with all information included in this document on: Sheet 2 of 5, Sheet 3 of 5, Sheet 4 of 5 and Sheet 5 of 5.

- 1) Refer Figure 1: Roof span for site specific situation when SPACEMAKER Structural Insulated Roof Panels (SIRP) are used as lower roof: - Additional snow load on SIRP shall be considered due to drifting and spans listed in tables below checked & confirmed based on engineering advice.
- 2) These Tables shall be studied and applied in conjunction with allowable span tables for Wind Actions, including fixing details and recommendations.
- 3) Snow is not prevented from sliding off the roof by a parapet, snow fence or other obstruction at lower edge of roof (An obstruction excludes typical eaves gutters).

| Location | Australian Height Datum (AHD), m | Panel Size (mm) | Overhang (mm) | Maximum Single Span (mm) |
|--|----------------------------------|-----------------|--|--------------------------|
| | | |  | |
| Northern Tablelands of New South Wales - Region AN in AS/NZS 1170.3:2003 | | | | |
| Guyra | 1320 | 50 | 4491 | |
| | | 75 | 5525 | |
| | | 100 | 5976 | |
| | | 125 | 6914 | |
| | | 150 | 7721 | |
| Central Tablelands of New South Wales - Region AC in AS/NZS 1170.3:2003 | | | | |
| Bathurst | 650 | 50 | 4922 | |
| | | 75 | 6056 | |
| | | 100 | 6550 | |
| | | 125 | 7578 | |
| | | 150 | 8462 | |
| 1) Blayney | 1) 867 | 50 | 4187 | |
| 2) Orange | 2) 867 | 75 | 5151 | |
| | | 100 | 5571 | |
| 3) Crookwell | 3) 887 | 125 | 6446 | |
| | | 150 | 7197 | |
| Lithgow | 920 | 50 | 4060 | |
| | | 75 | 4995 | |
| | | 100 | 5403 | |
| | | 125 | 6252 | |
| | | 150 | 6981 | |
| Katoomba | 1017 | 50 | 3847 | |
| | | 75 | 4733 | |
| | | 100 | 5120 | |
| | | 125 | 5924 | |
| | | 150 | 6614 | |

**CONTINUED: Central Tablelands of New South Wales –
 Region AC in AS/NZS 1170.3:2003**

| Location | Australian Height Datum (AHD), m | Panel Size (mm) | Overhang (mm) | Maximum Single Span (mm) |
|---------------------------------|----------------------------------|-----------------|--|--------------------------|
| | | |  | |
| 1) Blackheath 2) Mt Victoria | 1) 1065 2) 1044 | 50 | | 3756 |
| | | 75 | | 4621 |
| | | 100 | | 4998 |
| | | 125 | | 5783 |
| | | 150 | | 6458 |
| Oberon | 1200 | 50 | | 3561 |
| | | 75 | | 4381 |
| | | 100 | | 4739 |
| | | 125 | | 5483 |
| | | 150 | | 6122 |

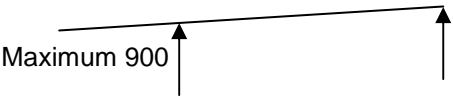
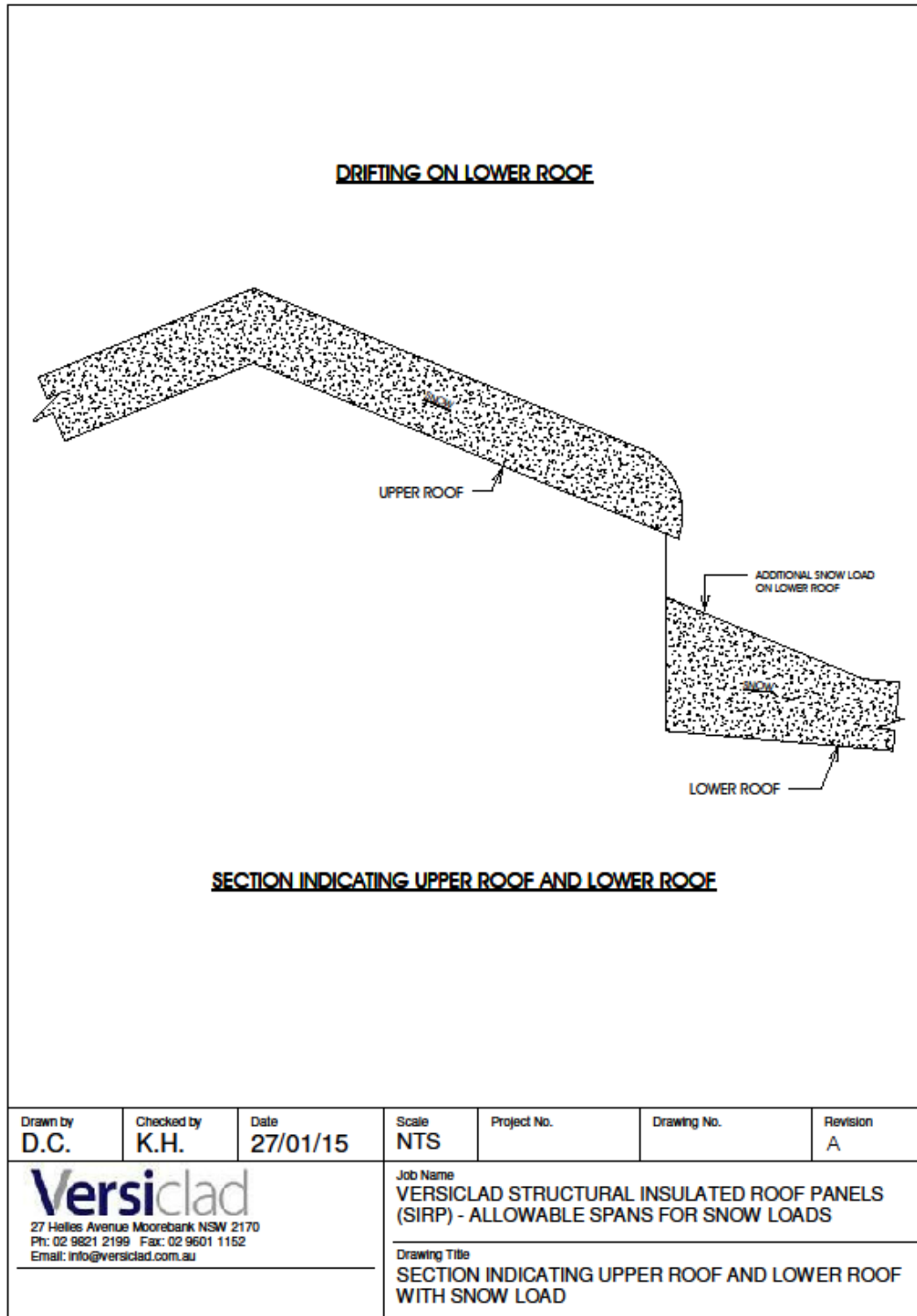
| Location | Australia n Height Datum (AHD), m | Panel Size (mm) | Overhang (mm) Maximum Single Span (mm) |
|--|--|--------------------|--|
|  | | | |
| Southern Tablelands of New South Wales - Region AS in AS/NZS 1170.3:2003 | | | |
| 1) Tumbarumba | 1) 693 | 50 | 4330 |
| | | 75 | 5327 |
| | | 100 | 5762 |
| 2) Bombala | 2) 705 | 125 | 6667 |
| | | 150 | 7444 |
| 1) Cooma | 1) 800 | 50 | 4060 |
| | | 75 | 4995 |
| | | 100 | 5403 |
| 2) Dalgety | 2) 760 | 125 | 6252 |
| | | 150 | 6981 |
| Berridale | 860 | 50 | 3847 |
| | | 75 | 4733 |
| | | 100 | 5120 |
| | | 125 | 5924 |
| | | 150 | 6614 |
| 1) Jindabyne | 1) 930 | 50 | 3673 |
| | | 75 | 4519 |
| | | 100 | 4888 |
| 2) Kalkite | 2) 930 | 125 | 5655 |
| | | 150 | 6315 |
| 3) Tyrolean Village | 3) 930 | 50 | 3431 |
| | | 75 | 4221 |
| | | 100 | 4565 |
| 1) Yarrangobilly Village | 1) 1050 | 125 | 5282 |
| | | 150 | 5898 |
| 2) Adaminaby | 2) 1010 | 50 | 3401 |
| | | 75 | 4184 |
| | | 100 | 4526 |
| Nimmitabel | 1056 | 125 | 5236 |
| | | 150 | 5847 |
| | | 50 | 3291 |
| | | 75 | 4049 |
| | | 100 | 4380 |
| Bullocks Flat | 1150 | 125 | 5068 |
| | | 150 | 5659 |
| | | 50 | 3242 |
| | | 75 | 3988 |
| | | 100 | 4314 |
| 1) Anglers Reach | 1) 1180 | 125 | 4991 |
| | | 150 | 5573 |
| 2) Old Adaminaby | 2) 1180 | 50 | 3195 |
| | | 75 | 3931 |
| | | 100 | 4252 |
| 3) Providence Portal | 3) 1110 | 125 | 4919 |
| | | 150 | 5493 |
| Eucumbene Cove | 1200 | 50 | 3195 |
| | | 75 | 3931 |
| | | 100 | 4252 |
| | | 125 | 4919 |
| | | 150 | 5493 |

Figure 1: Roof span for site specific situation when SPACEMAKER Structural Insulated Roof Panels (SIRP) are used as lower roof: - Additional snow load on SIRP shall be considered due to drifting and spans listed in tables checked & confirmed based on engineering advice.





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