Veranda Beams GL10 (N1, N2 & N3) Vu - 50m/s Vs =32m/s

Tiled Roof Load

N1, N2 & N3 Wind	Maximum Verandah Beam Span (mm)				
	Tiled Roof - Roof Load Width (mm)				
Size DxB (mm)	1200	1500	1800	2400	3000
140x65	2280	2110	1980	1790	1650
180x65	2950	2730	2570	2320	2140
240x65	3940	3440	3420	3110	2870
280x65	4480	4230	4040	3720	3440

Assumptions

- Characteristic Values for structural design as per AS1720.1 Table 7.1 (GL10)
- Characteristic Values for Design related to strength group as per AS1720.1 Table H2.2 (Assumed SD6)
- Site wind speed classification by others
- Allowance for 45mm min bearing on support
- 25 degree max roof pitch
- Maximum Rafter spacing 900mm
- Rafter lining of 10mm Ply
- Tiedown or support of roof beam by others
- (k6=1) excluding buildings in QLD North of Lat 25 deg or elsewhere North of lat 16 deg.

Veranda Beams GL10 (N1 & N2) Vu - 40m/s Vs =26m/s

Sheet Roof Load

N1 & N2 Wind	Maximum Verandah Beam Span (mm)								
	Sheet Roof - Roof Load Width (mm)								
Size DxB (mm)	600	900	1200	1500	1800	2100	2400	2700	3000
140x65	3405	3000	2830	2640	2450	2300	2180	2070	1980
180x65	4215	3900	3560	3410	3290	3090	2920	2780	2660
240x65	5045	4705	4420	4220	4060	3920	3755	3600	3450
280x65	5760	5375	5080	4853	4670	4510	4335	4165	4015

Assumptions

- Characteristic Values for structural design as per AS1720.1 Table 7.1 (GL10)
- Characteristic Values for Design related to strength group as per AS1720.1 Table H2.2 (Assumed SD6)
- Site wind speed classification by others
- Allowance for 45mm min bearing on support
- 25 degree max roof pitch
- Maximum Rafter spacing 900mm
- Rafter lining of 10mm Ply
- Tiedown or support of roof beam by others
- (k6=1) excluding buildings in QLD North of Lat 25 deg or elsewhere North of lat 16 deg.

Veranda Beams GL10 (N3) Vu - 50m/s Vs =32m/s

Sheet Roof Load

N3 Wind	Maximum Verandah Beam Span (mm)								
	Sheet Roof - Roof Load Width (mm)								
Size DxB (mm)	600	900	1200	1500	1800	2100	2400	2700	3000
140x65	3220	2840	2575	2400	2225	2100	1995	1905	1825
180x65	4015	3685	3375	3125	2890	2755	2615	2500	2390
240x65	4815	4485	4180	3910	3695	3520	3370	3220	3095
280x65	5490	5120	4790	4490	4250	4050	3875	3730	3600

Assumptions

- Characteristic Values for structural design as per AS1720.1 Table 7.1 (GL10)
- Characteristic Values for Design related to strength group as per AS1720.1 Table H2.2 (Assumed SD6)
- Site wind speed classification by others
- Allowance for 45mm min bearing on support
- 25 degree max roof pitch
- Maximum Rafter spacing 900mm
- Rafter lining of 10mm Ply
- Tiedown or support of roof beam by others
- (k6=1) excluding buildings in QLD North of Lat 25 deg or elsewhere North of lat 16 deg.

Veranda Beams GL10 (N4) Vu - 61m/s Vs =39m/s

Sheet Roof Load

N4 Wind	Maximum Verandah Beam Span (mm)								
	Sheet Roof - Roof Load Width (mm)								
Size DxB (mm)	600	900	1200	1500	1800	2100	2400	2700	3000
140x65	2950	2605	2360	2150	1980	1840	1725	1635	1533
180x65	3740	3370	3085	2825	2605	2425	2270	2145	2040
240x65	4565	4145	3830	3585	3375	3145	2955	2790	2655
280x65	5205	4765	4380	4135	3915	3665	3440	3250	3085

Assumptions

- Characteristic Values for structural design as per AS1720.1 Table 7.1 (GL10)
- Characteristic Values for Design related to strength group as per AS1720.1 Table H2.2 (Assumed SD6)
- Site wind speed classification by others
- Allowance for 45mm min bearing on support
- 25 degree max roof pitch
- Maximum Rafter spacing 900mm
- Rafter lining of 10mm Ply
- Tiedown or support of roof beam by others
- (k6=1) excluding buildings in QLD North of Lat 25 deg or elsewhere North of lat 16 deg.

Veranda Beams GL10 (N5) Vu - 74m/s Vs =47m/s

Sheet Roof Load

N5 Wind	Maximum Verandah Beam Span (mm)								
	Sheet Roof - Roof Load Width (mm)								
Size DxB (mm)	600	900	1200	1500	1800	2100	2400	2700	3000
140x65	2630	2195	1930	1740	1595	1485	1390	1315	1250
180x65	3460	2895	2545	2290	2100	1955	1835	1735	1650
240x65	4225	3760	3300	2975	2730	2540	2385	2255	2140
280x65	4810	4370	3835	3460	3185	2955	2775	2620	2490

Assumptions

- Characteristic Values for structural design as per AS1720.1 Table 7.1 (GL10)
- Characteristic Values for Design related to strength group as per AS1720.1 Table H2.2 (Assumed SD6)
- Site wind speed classification by others
- Allowance for 45mm min bearing on support
- 25 degree max roof pitch
- Maximum Rafter spacing 900mm
- Rafter lining of 10mm Ply
- Tiedown or support of roof beam by others
- (k6=1) excluding buildings in QLD North of Lat 25 deg or elsewhere North of lat 16 deg.

Veranda Beams GL10 (N6) Vu - 86m/s Vs =55m/s

Sheet Roof Load

N6 Wind	Maximum Verandah Beam Span (mm)								
	Sheet Roof - Roof Load Width (mm)								
Size DxB (mm)	600	900	1200	1500	1800	2100	2400	2700	3000
140x65	2235	1870	1640	1475	1355	1260	1180	1115	1055
180x65	2935	2460	2155	1945	1785	1660	1560	1475	1400
240x65	3825	3195	2805	2525	2320	2160	2025	1915	1820
280x65	4460	3720	3265	2945	2705	2515	2360	2230	2120

Assumptions

- Characteristic Values for structural design as per AS1720.1 Table 7.1 (GL10)
- Characteristic Values for Design related to strength group as per AS1720.1 Table H2.2 (Assumed SD6)
- Site wind speed classification by others
- Allowance for 45mm min bearing on support
- 25 degree max roof pitch
- Maximum Rafter spacing 900mm
- Rafter lining of 10mm Ply
- Tiedown or support of roof beam by others
- (k6=1) excluding buildings in QLD North of Lat 25 deg or elsewhere North of lat 16 deg.