

Selection Charts

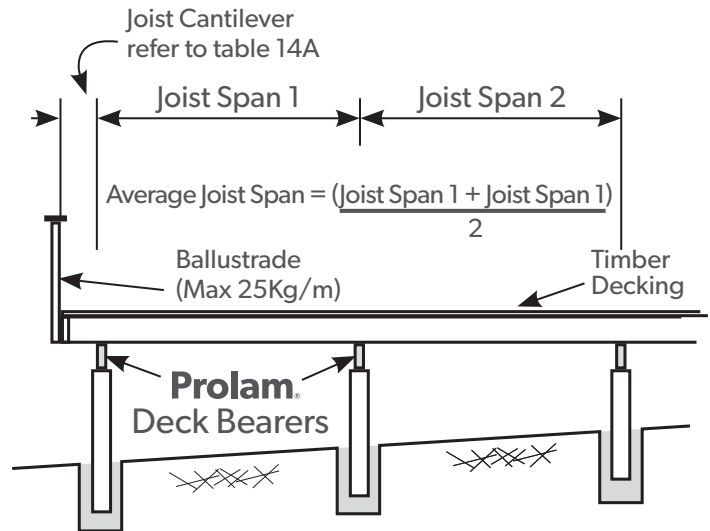
Table 10

Deck Bearers supporting deck and cantilever.

Loads:	Deck 0.35 kPa
	Live 2.0 kPa
Deflection Limits:	Long Term span/400 or 12mm
	Short Term span/400 or 9mm

Notes:

1. Timber grade PL8, minimum H3.2 treated – wet use.
2. Bearers do not support roof loads.
3. Maximum ballustrade weight 25kg/m.
4. Maximum joist cantilever 400mm.
5. Spans may be increased by 10% for bearers or joists continuous over 2 or more spans.



Bearer Size		Maximum Bearer Span (m)									
		Average Joist Span (m)									
		0.9	1.2	1.5	1.8	2.4	3.0	3.6	4.2	4.8	
PL8	PL8H3-150100	140 x 90mm	2.20	2.15	2.05	1.95	1.80	1.65	1.50	1.40	1.35
	PL8H3-200100	190 x 90mm	2.95	2.85	2.75	2.60	2.40	2.20	2.05	1.90	1.80
	PL8H3-250100	240 x 90mm	3.65	3.55	3.40	3.25	3.00	2.75	2.55	2.40	2.25
	PL8H3-300100	290 x 90mm	4.15	4.05	3.95	3.85	3.60	3.30	3.05	2.85	2.70
	PL8H3-350100	315 x 90mm	4.65	4.55	4.45	4.35	4.15	3.85	3.60	3.35	3.15
	PL8H3-400100	360 x 90mm	5.15	5.00	4.90	4.80	4.60	4.40	4.10	3.85	3.60
PL12	PL12H3-150100	140 x 90mm	2.50	2.40	2.30	2.25	2.05	1.90	1.75	1.65	1.55
	PL12H3-200100	190 x 90mm	3.30	3.20	3.10	3.00	2.75	2.50	2.35	2.20	2.05
	PL12H3-250100	240 x 90mm	4.00	3.90	3.80	3.70	3.45	3.15	2.95	2.75	2.60
	PL12H3-300100	290 x 90mm	4.55	4.45	4.35	4.25	4.05	3.80	3.50	3.30	3.10
	PL12H3-350100	315 x 90mm	5.10	5.00	4.85	4.75	4.55	4.35	4.10	3.85	3.65
	PL12H3-400100	360 x 90mm	5.65	5.50	5.35	5.25	5.05	4.85	4.65	4.40	4.15

These span tables apply only to Prolam products