

# SPAN TABLES

## SUPALAM F17 GOODWOOD H3 SUBDECK

AS 1684.2 N3 Supp 8 – 2010

Wind classification N3 – Seasoned Hardwood – Stress grade F17

**TABLE 49 DECK BEARERS**

Size DxB (mm)	Floor Load Width (mm)											
	1200		2400		4800		1200		2400		4800	
	Maximum Bearer Span (mm)											
	Span	Cantilever	Span	Cantilever	Span	Cantilever	Span	Cantilever	Span	Cantilever	Span	Cantilever
	Single Span						Continuous Span					
90x70	1900	500	1500	400	1100	300	2200	600	1600	400	1100	300
90x90	2100	600	1700	500	1200	300	2500	700	1800	500	1200	300
120x70	2600	700	2000	600	1500	400	2900	800	2100	600	1500	400
120x90	2800	800	2200	600	1700	500	3300	900	2400	700	1700	500
140x70	3000	900	2400	700	1700	500	3400	1000	2400	700	1700	500
140x90	3200	900	2600	700	1900	500	3800	1100	2700	800	1900	500

Notes:

- i) Maximum Bearer Span is based on supporting maximum decking mass of 20kg/m<sup>2</sup>
- ii) Cantilevers shall not exceed 30% of the actual back span
- iii) The bearer sizes given may support decks over 1000mm above ground. For bearers supporting decks up to 1000mm above ground refer to Table 5
- iv) Minimum bearing length = 50mm at end supports and 100mm internal supports for continuous members
- v) Multiple members shall be nailed together as per Clause 2.3
- vi) For design parameters refer to Figure 4.7 in AS 1684.2

**TABLE 50 DECK JOISTS**

Size DxB (mm)	Joist Spacing (mm)											
	300		450		600		300		450		600	
	Maximum Floor Joist Span (mm)											
	Span	Cantilever	Span	Cantilever	Span	Cantilever	Span	Cantilever	Span	Cantilever	Span	Cantilever
	Single Span						Continuous Span					
90x45	2300	600	2100	600	2000	600	2600	750	2400	700	2300	600
120x45	3000	900	2900	800	2800	800	3400	1000	3200	900	3100	800
140x45	3500	1000	3400	1000	3200	950	4000	1150	3800	1050	3600	950
170x45	4300	1200	4000	1200	3700	1100	4800	1400	4600	1250	4300	1150
190x35	4400	1300	4100	1200	3800	1100	5000	1450	4700	1250	4300	1150
190x45	4800	1400	4400	1300	4100	1200	5400	1550	5100	1400	4900	1250
240x35	5400	1600	4900	1400	4600	1300	6300	1800	6000	1600	5400	1450
240x45	5800	1700	5200	1500	4800	1400	6800	2000	6500	1750	6100	1600
290x45	6700	2000	6000	1800	5600	1600	7200	2100	7200	2100	7100	1900

Notes:

- i) Maximum Deck Joist Span is based on supporting a maximum decking mass of 20kg/m<sup>2</sup>
- ii) Cantilever shall not exceed 30% of the actual back span
- iii) Joists crippled over supports must be considered as single span joists
- iv) Where joist size D/B >4 restraint may be required. Refer Clause 4.2.2.3 in AS 1684.2



## GOODWOOD HARDWOOD H3 SUPALAM F17 SUB-DECK

**There's no point investing in a high quality deck  
if the sub-deck isn't up for the job!**

Most naturally high durable timbers are prone to movement and need superior nail holding bearers and joists. (Span tables on reverse side)

### Goodwood SUPALAM H3 treated sub-deck is rated F17 for longer span and features:

- Longer span than treated pine
- Full penetration H3 Treatment (can dock and machine without re-applying)
- Long lengths up to 7.2 metres
- Straight
- Superior screw and nail holding ability
- Available in set lengths
- H3 durability
- Local and Sustainable Resource
- PEFC Certified
- 25 Year Guarantee on treatment



Environment  
ISO 14001  
SAI GLOBAL



Health & Safety  
AS 4801  
SAI GLOBAL



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