

ITI Structural Timber Product Weights per Lineal Metre

Spec Chord E16 LVL	Depth	35mm	Spec Beam E14.5 LVL	Depth	45mm
	90	2.2		90	2.8
	120	2.9		120	3.8
	140	3.4		140	4.4
	170	4.2		190	6.0
	190	4.7		240	7.6
	240	5.9		290	9.1

ITI Spec Joist	Depth	45mm	53mm	58mm	89mm
	200	2.6			
	240	2.8	3.17		5.2
	300	3.2	3.51	4.0	5.6
	360			4.3	6.0
	400			4.6	6.2

Flame Fixx (BAL-29)	Depth	45mm
	90	2.4
	140	3.8
	190	5.1
	240	6.5
	290	7.8

Metsa Kerto S-beam+ E14.5 LVL	Depth	36mm	45mm	63mm	Metsa Kerto-S E13.2 LVL	Depth	75mm	Metsa Kerto-T E9.2 LVL	Depth	35mm	45mm	51mm			
	90	2.0	2.5	3.5		150	5.9		70	1.1					
	130	2.9	3.6	5.1		240	9.4		90	1.4	1.8	2.0			
	150	3.3	4.2	5.9		300	11.7		240		4.8	5.4			
	170	3.8	4.7	6.6		400	15.6		300		5.9	6.7			
	200	4.5	5.6	7.8					360		7.1	8.1			
	240	5.4	6.7	9.4					400		7.9	9.0			
	300	6.7	8.4	11.7											
	360		10.0	14.1											
	400		11.2	15.6											
450			17.6												
600			23.4												

Design Pine H3 F7	Depth	30mm	42mm	Design Pine H3 GL8	Depth	65mm	Design Pine H3 GL10	Depth	65mm	Design Pine H3 GL8	Posts	
	66	1.2	1.7		140	5.5		140	5.5		88x88	4.6
	90	1.6	2.3		180	7.0		180	7.0		112x112	7.5
	138	2.5	3.5		240	9.4		240	9.4		135x135	10.9
	185	3.3	4.7		280	10.9		280	10.9			
	230	4.1	5.8					320	12.5			
	280	5.1	7.2									

Prolam Merbau GL17 (BAL-29)	Depth	35mm	42mm	65mm	80mm	Prolam Merbau GL13 (BAL-29)	Posts	
	70		2.4				90x90	6.6
	90		3.1				120x120	11.7
	140	4.0	4.8	7.4			140x140	16.0
	190	5.4	6.5	10.1			190x190	29.4
	240	6.8	8.2	12.7	15.6			
	265			14.0	17.3			
	290	8.3		15.4	18.9			
	330			17.5	21.5			

Extreme Timber GL8	Depth	65mm	70mm	
	90		4.6	
	240	12.2		
	290	14.8		
	Posts			
	88x88	4.6		
	112x112	7.5		
135x135	10.9			

Generic Timber Product Weights per Lineal Metre

Glue Laminated Beams									
GL13 Pine	Depth	65mm	85mm	130mm	GL18 Pine (Hyne)	Depth	65mm	85mm	130mm
	168	6.6	8.6	13.1		215	8.3	12.7	12.7
	210	8.2	10.7	16.4		240	10.5	16.1	16.1
	252	9.8	12.9	19.7		270	12.4	19.0	19.0
	294	11.5	15.0	22.9		300	14.7	22.4	22.4
	336	13.1	17.1	26.2		330	16.6	25.4	25.4
	379	14.8	19.3	29.6		360	18.8	28.8	28.8
	420	16.4	21.4	32.8		390	21.0	32.2	32.2
	462	18.0	23.6	36.0		420	23.0	35.1	35.1
	504	19.7	25.7	39.3		450	25.2	38.5	38.5
546	21.3	27.8	42.6	480	27.1	41.4	41.4		
GL17 Pine	Depth	65mm	85mm	130mm	510	29.3	44.9	44.9	
	130	5.1	6.6	10.1	540	31.6	48.3	48.3	
	165	6.4	8.4	12.9	570	33.5	51.2	51.2	
	195	7.6	9.9	15.2	600	35.7	54.6	54.6	
	230	9.0	11.7	17.9	GL18 Pine (WTI)	Depth	37.9	58.0	58.0
	260	10.1	13.3	20.3		210	13.4	20.5	20.5
	295	11.5	15.0	23.0		252	16.1	24.6	24.6
	330	12.9	16.8	25.7		294	18.7	28.7	28.7
	360	14.0	18.4	28.1		336	21.4	32.8	32.8
	395	15.4	20.1	30.8		379	24.2	37.0	37.0
	425	16.6	21.7	33.2		420	26.8	41.0	41.0
	460	17.9	23.5	35.9		462	29.5	45.0	45.0
	495	19.3	25.2	38.6		504	32.1	49.1	49.1
	525	-	26.8	41.0		546	34.8	53.2	53.2
560	-	31.6	43.7	588		37.5	57.3	57.3	
595	-	30.1	46.4	620		39.5	60.5	60.5	

Generic Timber Framing											
MGPIO / 12 Pine	Depth	35mm	45mm	F17 Hardwood	Depth	35mm	45mm	F27 Hardwood	Depth	35mm	45mm
	70	1.5	1.9		70	1.6	2.1		70	1.9	2.5
	90	1.9	2.4		90	2.1	2.7		90	2.5	3.2
	140	2.9	3.8		140	3.2	4.2		140	3.9	5.0
	190	4.0	5.1		190	4.4	5.6		190	5.3	6.8
240	5.0	6.5	240	5.5	7.1	240	6.6	8.5			