

DECK CHAIR

JOIST MOUNT

NZ Design App No NZ419836

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ADJUSTABLE JOIST

NZ Design App No NZ419837

- ✓ Easier to transport
- ✓ Easier to set angle
- ✓ More precise
- ✓ No warping
- ✓ Saves time

* SOLID TIMBER

- ⚠ Requires transport of long lengths
- ⚠ Difficult to rip a straight line
- ⚠ Requires extra time ensuring lengths are cut to same angle
- ⚠ Prone to warping



COST COMPARISON[†] for a 3.6m x 4.8m deck (17.28m²), based on 9 x joists at 450mm centres

SUB DECK MATERIAL REQUIREMENTS	\$ COST 1 x ROW	\$ COST 9 x ROWS	\$ COST PER M ²	LABOUR @ \$50 P/H 9 X ROWS (17.28M ²)	\$ TOTAL MAT. + LAB.
✓ DECK CHAIR ADJUSTABLE JOIST LVL SYSTEM					
4.8m length made up of 4 sections of 1200mm. Includes 4-ply splice plates, and DECK CHAIR joist mounts.					
TYPE A 27.65				1.5 HRS \$4.34m² (10 mins per ABCD row, for 9 rows 1.5 hrs x \$50 = \$75 labour cost Divided by 17.28m ² = \$4.34m ²)	\$74.93m²
TYPE B 31.42	\$135.54	\$1,219.86	\$70.59		
TYPE C 36.19					
TYPE D 39.85					
TOTAL \$ 135.54					
⚠ SOLID TIMBER* AND DECK CHAIR JOIST MOUNTS					
4.8m length of wet 240x50 H3.2 45.00 DECK CHAIR joist mounts, 12 @ \$2.89 34.80 Holdfast Carbond 940 FC, 2 @ \$18.30 / 9 4.06 TOTAL \$83.86	\$83.86	\$781.74	\$45.23	3.75 HRS \$10.80m² (25mins per joist) Check level, rip joists, drill holes and glue deckchairs for 9 rows 3.75 hrs x \$50 = \$187.50 Divided by 17.28m ² = \$10.80m ²	\$56.03m²
⚠ SOLID TIMBER* AND DECK CRADLES					
4.8m length of wet 240x50 H3.2 45.00 Deck Cradles, 12 @ \$4.50 54.00 TOTAL \$ 99.00	\$99.00	\$891.00	\$51.56	3.0 HRS \$8.60m² (20mins per joist) Check level, rip joists, lay deck cradles, for 9 rows 3 hrs x \$50 = \$150 Divided by 17.28m ² = \$8.60m ²	\$60.24m²
⚠ SOLID TIMBER* AND ADJUSTABLE SUPPORT JACKS					
4.8m length of 75 x 50 H 3.2 18.00 Adjustable jacks (varying sizes) 12 @ ~\$18.00 216.00 TOTAL \$234.00	\$234.00	\$2,106.00	\$121.87	6.75 HRS \$19.53m² (45mins per joist) Install jacks, lay row and adjust height to level, for 9 rows 6.75 hrs x \$50 = \$377.50 Divided by 17.28m ² = \$19.53m ²	\$141.40m²
ALUMINUM SUBSTRUCTURE SYSTEM					
Specific design	N/A	N/A	\$150.00	Unknown	Unknown

[†] All costs are based on currently known average costs of materials