



Deckwood is a premium quality unseasoned Australian hardwood decking, developed to deliver superior performance in fully weather exposed situations and is produced from a limited range of hardwood species which have superior weathering characteristics. This *Simplified Deckwood Installation Guide* provides information in a number of critical areas which impact on Deckwood's maximum life and performance. This simplified guide is intended as a quick reference with more complete information in the Boardwalk Construction Guide.

Weathering Protection - To reduce weathering damage, Deckwood should be coated with Tanacoat Oil all round, prior to laying with re-application every year.

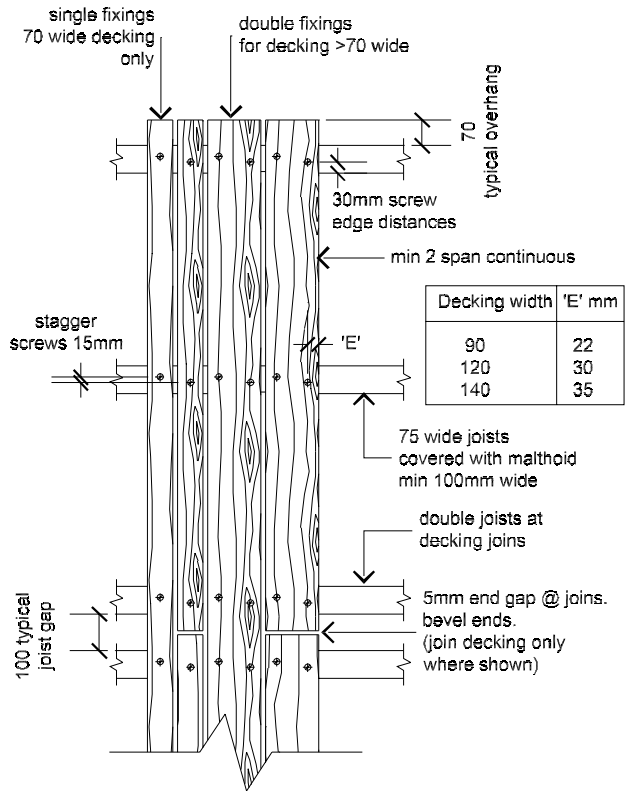
Fasteners - Deckwood should only be fastened to the timber joists with 14 gauge 304 stainless screws, 75mm for 35mm decks, at least 85mm for 45mm decks and 100mm for 57mm decks. Thicker decks are fastened from below. Both the decking and joist should be fully predrilled with a 5mm (13/64) drill. A shallow countersink should be formed for the screw head. This is best done with a countersinking bit and integral stop collar. At construction, the screw head should be recessed to a depth of 2mm under the surface and the head will then be flush after seasoning. Do not use smaller gauge, zinc plated or galvanized screws or nails.

The screws must be in a staggered alignment, to reduce the possibility of spilt joists (almost a certainty with in-line screwing) which will result in premature deterioration. As the screw should be 4 screw diameters (24mm) from each joist edge, this can only be achieved on joists that are at least 75mm wide.

Joist layout and protection - Deckwood should only be joined on paired joists so the screws are at least 75mm from the end of the decking. Where Deckwood joins or abuts other material a gap of 5mm should be allowed to aid water shedding and assist end-grain drying. It is strongly recommended that a layer of dampcourse (such as G-Tape) be placed on top of the joist to prevent water penetration. A thick layer of CN Emulsion should be applied to the top of the dampcourse to protect the decking in contact with the joist.

Shrinkage - Deckwood will shrink approx 6% from the nominal standard size of 70, 90, 120 and 140 (see table) Normally, the decking is laid as per the table but the target gap, if shown on the drawings, takes precedence. The target gap should not exceed 12mm

If further information is required refer to our Boardwalk Construction Guide or contact Outdoor Structures Australia on 07 5462 4255.



Deckwood fixing details

LAYING GAP				
Processing width	70	90	120	140
Expected shrinkage	4	6	7	6
Normal laying gap	6	3	0	0
Compensate for any seasoning that has occurred and refer to the target gap.				

PACK No. _____ CUSTOMER _____

ORDER _____ PROJECT _____

CONTENTS _____

PACK _____ OF _____ INSPECTED BY _____

APPROVED WHEN TREATED