

Decking Fixing Instructions

Integrated Recycling's decking board is suitable for external use only. Please supply the technical data set out here to your engineer, builder or surveyor to certify its suitability for the intended purpose and its compliance with all relevant building codes. If further information is required, please email customer_service@integratedrecycling.com.au

INSTALLATION

Fixing with Screws

Pre-drilling and counter sinking is essential when fixing with screws. Drill bits used should at least equal the outside diameter of the screw thread and we recommend as a minimum, galvanised coated screws for low corrosion areas and stainless steel screws for high corrosion areas. Screw down with low to medium force and don't 'overdrive' the screws, particularly near the ends of the boards. Screws should finish 'flush' with top of decking board.

Fixing with Nails

Pre-drill with a drill bit large enough to provide a slight clearance on the hole, then fix with a slat head galvanised nail. Do not punch the nail heads under the surface. In high corrosion areas, we recommend stainless steel decking nails (pre-drilling clearance holes is required). Nails should finish 'flush' with top of the decking board.

Our preferred method of fixing decking is by pre-drilling and hand screwing or hand nailing. Nail guns may be used when fixing decking, but we recommend that you satisfy yourself with the result and appearance of the nail penetration using a nail gun on Integrated Recycling's decking prior to commencing installation. Any fixings should not be closer than 15mm from the end of the board and 20mm from the outer edge of the board. All fixings are to be perpendicular to the board – do not skew fasten. Use only fixings that comply with Australian Standards.

Fixing with Nail Guns

We recommend using flat head stainless steel decking nails and that each board be double nailed on each joist. Within 50mm of the end of any board, please pre-drill first.

Whilst all guns, compressors and regulators may vary, we have found that an air pressure of approx 90 psi is required for a good result. Even at this pressure, there can be some variation in depth of penetration, between different joists and different parts of the joists.

When using a nail gun on Integrated Recycling's decking, the finish will not be as neat as when fixed by hand. Due to the very high density of IR's decking, it will be more difficult to get every nail sitting perfectly flush with the surface of the board.

FIXING SPECIFICATIONS

Decking Board 100mm x 25mm

Dimensions	100mm x 25mm
a joist centres (max distance)	450
b minimum end-gap (butt join)	2
c minimum gap (side by side)	4
d minimum distance from edge of board when fixing	20
e minimum end-gap to solid structure	6
f minimum distance from end of board when fixing	15
screws (pre-drill and counter sink)	yes
flat-headed nails (pre-drill)	yes
nail gun acceptability	yes (note instructions above)
zig-zag fixing acceptability – not suitable for nail guns	yes
suitability for fixing to substructures	yes
fixing over concrete	yes
suitability for commercial applications	yes

