

eDECK - ENGINEERED JARRAH DECKING - INSTALLATION & FIXING INSTRUCTIONS

Thank you for purchasing eDeck - premium engineered Jarrah decking. To ensure you get the longest life possible from your eDeck product it is important to prepare, install and maintain the material correctly to reduce moisture absorption, discolouration and keep the decking looking and performing well to enhance your outside living experience.

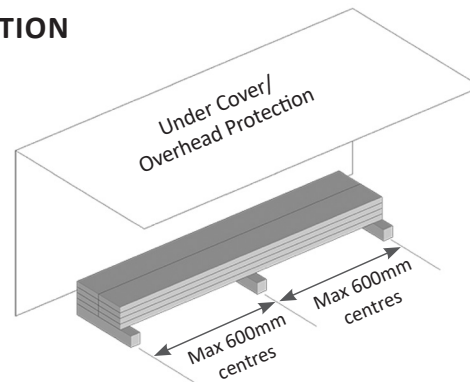
NOTE: Timber is natural product and as such each piece will vary in grain and characteristics. These are not a product fault but enhance the beauty of timber.

BEFORE YOU START

- Ensure you read these instructions fully and adhere to them to ensure your product performs and your outdoor living experience is enjoyed for many years to come. Failure to follow these instructions may lead to poor performance outcomes and costly rectification work down the track.
- All instructions should be read and understood by both the home owner and the installer prior to commencing any work.

SITE STORAGE AND PRIOR TO INSTALLATION

- Always carry eDeck on its edge to avoid bending which could place undue stress on the finger joint sections.
- Store eDeck prior to installation in a weather protected dry location and keep protected from direct sunlight, on a level surface and on bearers evenly spaced approximately 600mm apart for the full length of the pack.
- Place some weighted items across the top layer of unstrapped packs to avoid these boards moving prior to installation.
- eDeck comes factory pre-oiled on all four sides so there is no need to oil the decking product prior to installation.
- Inspect all decking product prior to installation for any defects you may feel will compromise the deck performance. Contact your supplier and have defective boards inspected for replacement.





SUBSTRUCTURE DESIGN CONSIDERATIONS

- Allow a minimum of 300mm ground clearance from the ground to the underside of the decking joists.
- Ensure that the deck is not boxed in on all 4 sides below the decking, thereby restricting air flow beneath the deck. Airflow is critical so as to allow air to pass beneath the deck to avoid constant moisture beneath the substructure and the underside of your decking product.

SUBSTRUCTURE DESIGN CONSIDERATIONS (CONT'D)

- Ensure all joists are flat across the top surface over the entire surface to ensure decking is laid flat when installed.
- Product performance is critical and deck design plays a critical part in the overall performance and appearance of your decking product. Be sure to read these entire installation instructions prior to installing the deck to ensure all design requirements are met.

FIXINGS

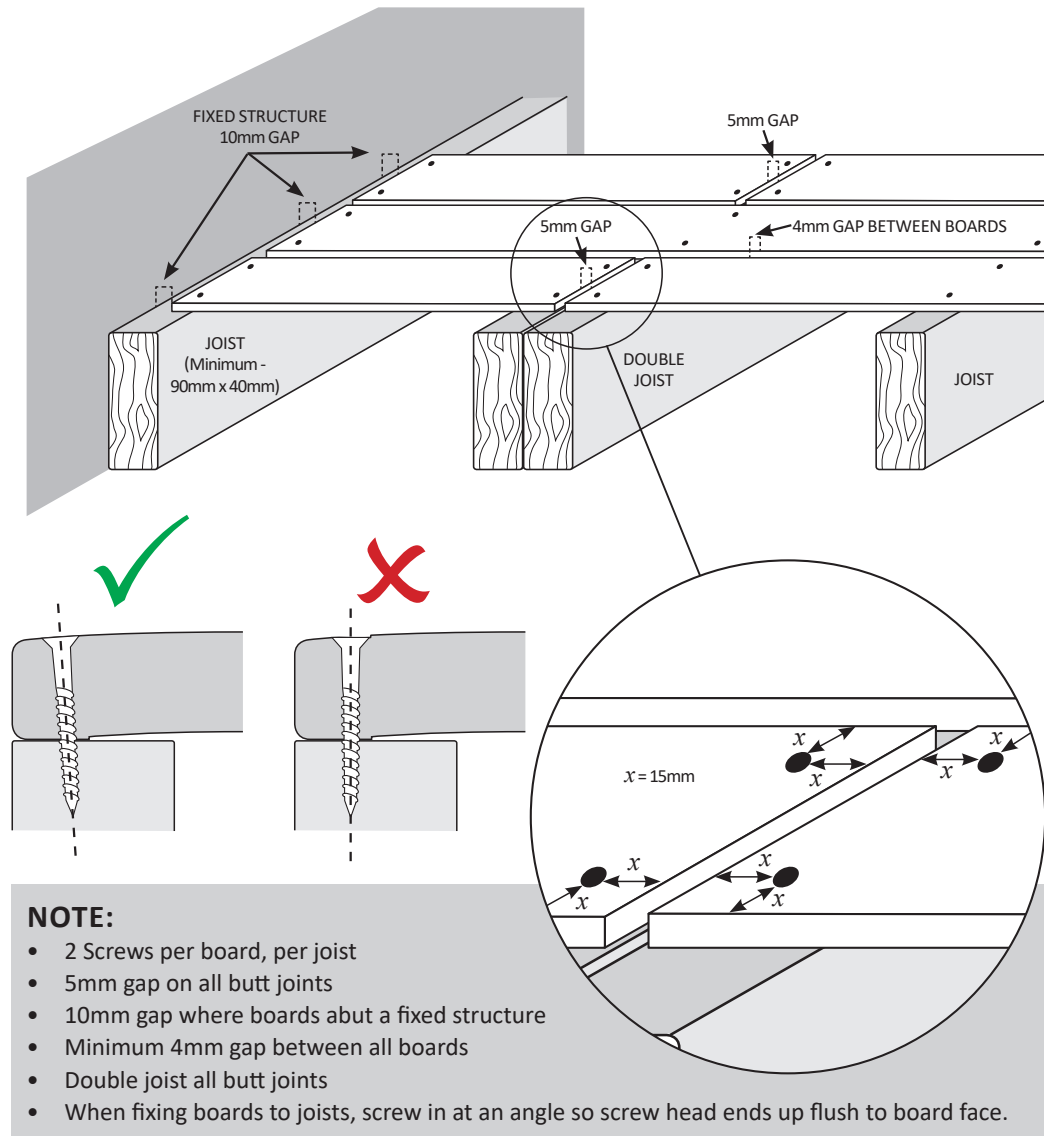
PROFILE	WATERSHED	WATERSHED
FIX TO	Timber - Softwood Joist	Timber - Hardwood Joist
Point Type	 Type 17 or self-tapping	 Type 17 or self-tapping
Gauge Size	10-12g 10x60-65mm	10-12g 10x50mm
Head Type	Cylinder or Trim Square Drive	Cylinder or Trim Square Drive

INSTALLATION REQUIREMENTS

- All eDeck products are **TOP FIXING ONLY** with a minimum of 2 screws per width per joist.
- All decking joists must be no more than 450mm centres apart for residential applications and 300mm for all commercial applications.
- All joists must be a minimum thickness of 45mm. eg. 90x45
- Where your decking product abuts a wall or fixed structure a minimum of 10mm gap must be left between the structure and decking product.
- All decking boards must have a minimum 4mm gap between each board to allow for expansion and contraction, this also assist in the airflow from beneath the deck to keep the underside of the deck dry and avoids fungal growth to the deck structure and the underside of the decking product.
- All screw fixings must be pre-drilled with a drill bit slightly greater in width than the screw diameter to avoid undue stress on the timber at all fixing points.
- All screws should be fixed no less than 15mm from any end cuts and from the edge of the board.
- All holes should be countersunk to allow screw heads to finish flush and level with the top surface of the decking board. Avoid over cutting the countersunk hole as this simply provides a pooling point for water to sit and ingress into the timber.
- Where decking boards are fixed up to the edge of a pool or spa then a 20mm gap should be left around the external perimeter to allow for a greater level of water to escape from the surface of the decking board.

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INSTALLATION REQUIREMENTS



CARE AND MAINTENANCE

All eDeck products are pre-oiled prior to delivery with high quality water based exterior oil. M&B recommend that for all re-coating you use the recommended products or a high quality water based exterior oil to reduce levels of expansion and contraction, minimize water uptake or loss and reduce colour discolouration.

All timber decking products will react differently when exposed to weather elements. Regular inspections and cleaning is a **MUST** to ensure your deck stays beautiful and performs well for years to come. Areas of the deck exposed to full sun for longer period of time or installed in close proximity to the ocean will require a greater level of maintenance to those areas that are protected by an overhead structure or shaded by trees or shade sails etc.

The general rule of thumb is if the decking looks dry and feels dry then it requires attention.

When doing maintenance the following should apply:

1. Wash down the entire surface of the deck to remove all dirt, grit and any foreign objects with a high quality timber deck cleaning product that contains a blend of cleaners, revivers and sterilizing agents. Follow the manufacturer's application recommendations to ensure a positive outcome.
2. Allow entire decking product to dry fully before moving to the next step.
3. Should any areas require a light sanding to bring decking surface back to a smooth surface then these areas should be cleaned again after sanding and allowed to dry before applying the coat of oil.
4. For re-coating your deck M&B recommend water based exterior oils which are compatible products to the original pre-coating oil.
5. If using a non M&B recommended product we strongly recommend you trial the coating in a small area away from the main deck area for performance and compatibility before applying it to the entire deck. It is recommended that when trialling an alternative product you apply 2 coats of the decking oil allowing sufficient time between coats as per manufacturers recommendations and make a decision based on the trial outcome.
6. Avoid placing flower pots directly onto the surface of the decking product unless there is airflow gap between the deck and the bottom of the flower pot to allow for airflow and keep the decking dry.
7. Avoid dragging furniture and other heavy items across the deck; this will lead to scratches and more regular sanding and maintenance.
8. Where a BBQ is situated on top of the decking either mobile or fixed special care should be taken to protect the decking product around the BBQ when operating to avoid oil splashing onto and soiling the decking surface.



BUILDING PRODUCTS