



Modern Deck Boardwalk™

Installation Guide

Before installation.

1. Ensure that the boards are stored in a clean dry space and stack the boards on a flat surface with the face of the boards facing each other. Avoid site works contaminating the boards prior to installation and after, for example concrete dust, paint, dirt, cleaning products and others foreign matters that may damage or interfere with the appearance of the new decking boards.
2. Be careful handling the boards on site, avoid dragging the boards off the pack or sliding them along the face of the boards, this may cause unnecessary marks on the face of the boards. We recommend 2 people lift and carry the boards into place.
3. Due to the technique of manufacture, it is possible that the boards will have a slight variation, the length (+/- 5mm) thickness (+/-2mm) and width (+/-2mm) in each plank, we recommend laying the boards out on the deck to select a mix of grain variations and colours to make the deck have a natural overall look. It may be necessary to move boards around to create a better pattern with the different grains and colours as well as board sizes. Use of packers may be necessary to get the boards level at butt joints.
4. Approved screws supplied by your Modern Deck Boardwalk supplier should be used.
5. Ensure that the subframe has been installed correctly and meets the guidelines as to spans and tolerances set out below. A poorly built subframe will lessen the life of the deck and its performance.
6. Safety Precautions - We recommend personal protective equipment (PPE) to be used when cutting and handling the Boardwalk boards, dust masks, safety glasses, long sleeve shirts and gloves are recommended to be worn.
7. During the construction of your new deck if the boards become dirty or foreign materials have contaminated the surface of the boards it is recommended to clean the boards as soon as possible using warm soapy water and a brush.
8. Before installation each board should be checked for defects and to ensure correctly coloured boards have been supplied, if this is to be found please contact your supplier.
9. You will find a variety of different patterns in each board as well as colour variations, this process is intentionally done to ensure your new Modern Deck Boardwalk® deck has the appearance and finish of natural timber.
10. Due to the deck being exposed to weather and sunlight you may notice a slight change in colour over time, this is normal for any type of material and product used externally and will not take away the beauty of the deck.

Ready to install.

1. Joist spacings of 450mm for residential use and 350mm for commercial use are recommended. If installed at 45° angles reduce the joist spacing by 100mm.
2. A fall of around 4mm per meter is recommended to allow for the water to run away and avoid pooling on the deck.
3. Modern Deck Boardwalk can be installed over PE battens, aluminum frames and treated pine frames that meet industry standards.
4. Modern Deck Boardwalk does not contain any timber and will not absorb moisture, for this reason it does not require any ventilation. We recommend a minimum ground clearance over soil of 100mm and 40mm over concrete.
5. Standard wood working tools can be used to cut Modern Deck products, saw blades with a carbon tip will perform better. Standard timber drill bits and router bits can also be used. You should always make every effort to reduce dust on site, a dust extraction system should be used as well as your personal protection to avoid dust contacting your body.
6. Square cutting the ends of the boards is necessary during installation and a small back cut on the ends of around 2° will help get a flush joint between the length of the boards.
7. Approved SS screws are available from your Modern Deck Boardwalk distributor and should be used. Face screwing the boards down is recommended using the metal template tools also available from the distributor of Modern Deck Boardwalk. The tool not only creates the space required between the boards of 4-5mm but helps locate the screws if you need to remove a board later.
8. There is no need to predrill the decking boards, 1st lubricate the screws with a spray of silicone lubricant and simply run the screws in 5-7mm below the surface of the decking boards to allow for the flexible elastic surface to bounce back over the head of the screw to leave a minimal visual appearance.
9. A standard clutch drill is recommended with a firm amount of pressure applied to run the screw in, using an impact driver does not allow the screws to perform in the way they are designed to and should not be used.
10. Two screws are used over each passing joist and the butt joints, using the fixing tools available from your Modern Deck supplier will ensure the screws are in the correct spot.
11. A clearance of 1mm is required between the ends of all butt joints.
12. All boards must be supported over 3 joists with a maximum overhang of 50mm past the last joist.
13. It is important to leave a minimum clearance of 8mm from the decking boards to any fixed surface around the deck like house walls, retaining walls or other objects to allow for drainage and any movement within the deck structure.
14. Installing to a string line is also recommended and should be checked every few rows, if the boards are running out of the true line it may be necessary to adjust the gap between the boards with packers or you can plane the boards to get the true line back. No more than 3mm should be planned off each board edge.
15. If you see the edge or side of the deck, we recommend using our bullnose nosing boards to finish the edge of the deck. This will help in reducing the chance of impact marks from foot traffic, especially on stairs. A standard decking board is not recommended. The nosing board must have a maximum overhang of 50mm for the 200mm wide nosing and 30mm for the 100mm wide nosing boards.

16. A PU woodworking glue is recommended on any mitre cuts that you make while installing the nosing boards and should only be applied to the core of the boards.
17. Fascia boards are used to finish the side of the deck or stairs to hide the subframe. You need to screw the fascia boards every 300mm with 2 screws. Cutting the fascia boards with a back cut of 22.5° will allow the boards to slide under each other allowing for a better finish on the butt joints.
18. Touch up paint should be applied to any cut ends or sides that are visually seen and is not recommended to be used on the coated surface of the boards.
19. Cleaning the deck is as simple as using warm soapy water and a brush, this should be done as often as required. If using a Pressure washer, it should not be used on a high pressure setting and a fanned out attachment should be used making sure the head of the pressure washer is 400mm away from the deck.