

# Installation Instructions: Urbanline Tractio Marine Board

## Tractio Marine Board Installation Guide

Every Tractio Marine Board has a unique appearance and should be arranged according to the end user's preference. Prior to construction, check with your local regulatory agency's code requirements. For best results, follow all instructions, paying close attention to gapping, spacing, and fastener requirements.

Table 1

Joist Spacing Requirements			
	Standard	Picture Frame	Diagonal [45°]
Residential	600mm	600mm	400mm
Commercial	600mm	600mm	400mm

Note: All dimensions are on-centre.

Note: Always follow best workmanship practices. Including, and not limited to, square cutting both ends prior to installation.

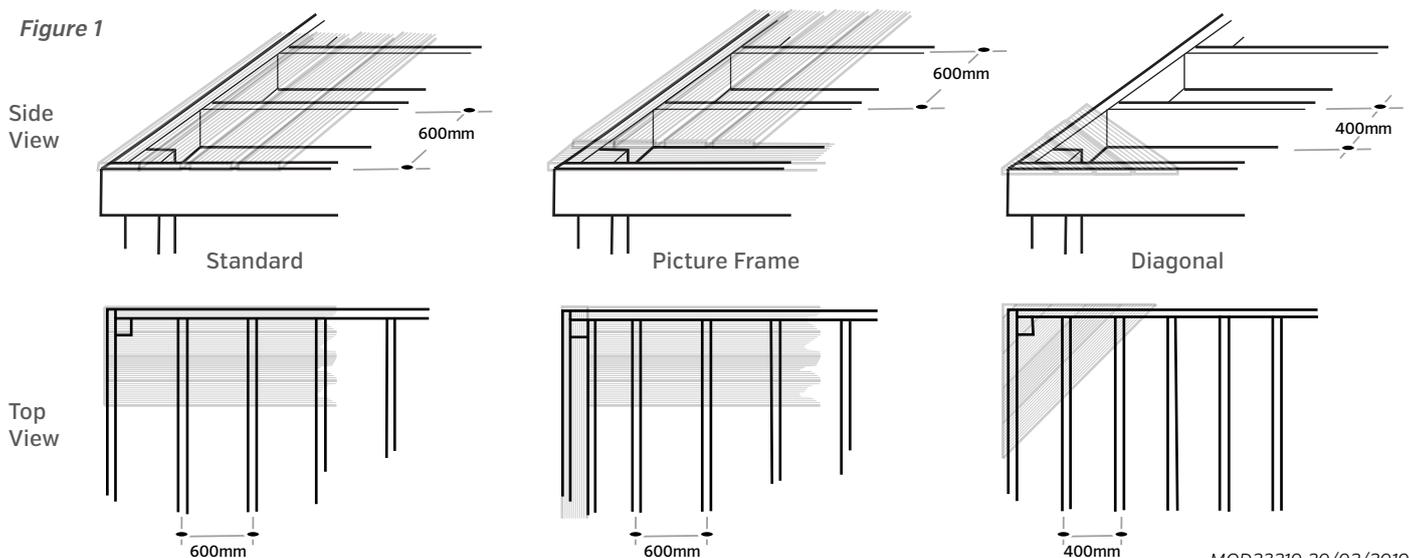
Table 2

Gapping Requirements		
	Above 0° C	Below 0° C
Side-to-Side	3.5mm	5.0mm
End-to-End	2.0mm	3.5mm
End-to-Side	2.0mm	3.5mm
Abutting Solid Objects	3.5mm	6.5mm

Table 3

Items you will need
• Safety glasses
• Pencil or pen
• Tape measure
• Utility knife
• Jigsaw
• Carpenter square (speed square)
• Power screw gun or drill
• Soft mallet
• Portable power saw
• Fine-tooth saw blades (40-tooth minimum, sharp carbide-tipped wood or finish/trim blades)
• Large file or medium-grit sandpaper
• Chalk line
• Spacing tools
• Fastener-specific tools recommended by manufacturer

Figure 1



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## Cutting

- 10° 40T, 80T circular blade
  - 12° 40T, 72T, 80T circular blade
- 
- Upcut with a clean/smooth saw blade.
  - Cut deck boards with the leading edge of the saw blade, cutting into the exposed face. Use a sharp utility knife or jigsaw to finish cuts where a circular saw cannot fully complete cut.
  - Use a jigsaw to cut openings for protrusions.
  - If necessary, use a large file or medium-grit sandpaper to clean cut edges.
  - Use utility knife to cut any fibers or strands. (In the rare event that a strand or fiber protrudes from the board, do not pull it.)

## Fastener requirements

- Corrosion-resistant, galvanized or stainless steel fasteners
  - Reverse-thread composite screw
  - Minimum of 80mm long screws
  - 30mm minimum penetration into joist
- 
- Set power driver such that screws are slightly counter sunk. Do not overdrive.

## Installation

- Two fasteners per joist minimum.
- Ends of each board must fall on a joist.
- Double joist or use blocking where two board ends meet.
- 30mm maximum cantilever.
- Install entire deck at same temperature.
- Install the deck boards starting from the outside edge of the platform and work toward anchor wall so that ripped pieces abut the wall. Start installing from one end of the board and work toward the other end of the board.  
**OR:** Start installing from the center of the board and work out toward the ends of the board. Do not install by fastening each end first and working toward the middle.
- Continue installing deck boards, adhering to the gapping requirements. Ensure consistent appearance by aligning each plank so the the cathedrals of the emboss patt point in the same direction.

NOTE: Cutting all ends of boards prior to installation recommended.

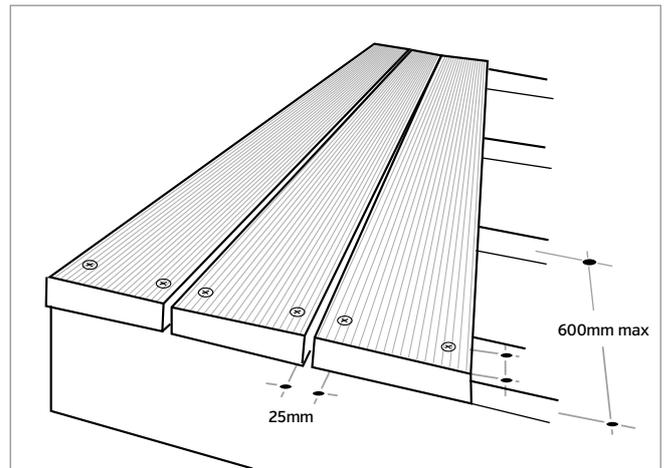


Figure 2

## Face screw installation

- use reverse-threaded composite deck screws.
- Screws should be 25mm from side of board, 25mm from end of board.
- Use colour-matched screws for best results.
- Use caution not to overdrive screw.

## Stair Installation

- Stairs must be constructed according to national and local building codes. Generally, building codes require 900mm minimum wide treads and 250mm minimum tread depth. (Ref. table D2-13 BCA)
- 300 maximum centre-to-centre spacing of stringers is required.
- Stair treads should be fastened over a minimum of 4 stringers to meet code requirements.
- 12mm maximum tread overhang over stringers.
- 2mm minimum gap between stair-tread boards. Local building codes may require the gap to be increased to 6.5mm-10mm in order to maintain the minimum tread depth.

## Colour Variation

Like most composites, Tractio Decking will have color variations from piece to piece. This is due to naturally occurring variations in polymers. Purchasing all required decking material at one time is recommended, as manufacturing runs can produce slightly different colors. Do not install if color variation is not acceptable.

## Mold and Mildew Growth

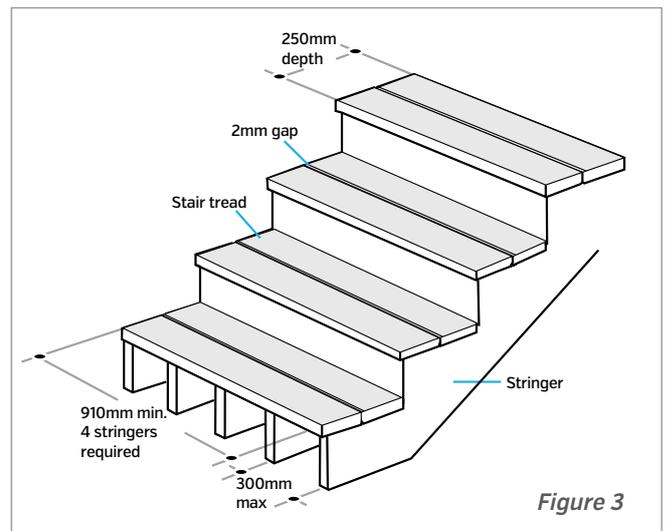
Mold and mildew can be a nuisance on any exterior building surface, regardless of the material. If the conditions are right, they will grow on wood, plastic, concrete, metal and other surfaces. Mold formation is most prevalent in consistently wet, shaded areas. Spores from the natural environment are carried by the wind and commonly land on decks surfaces. It is important to note that the appearance of mold/mildew is a function of nature, not necessarily a deficiency with any of the material on which it grows.

## Cleaning

Periodic washing with soap/mild detergent and water will help remove surface dirt. This will also help prevent the buildup of pollen, debris and spores that can cause and accelerate mold/mildew growth.

*Caution: A pressure washer should not be used to “blast” mold/mildew or soils from a deck surface. The abrasive nature of the water stream can potentially cause damage by driving the spores deeper into the material, which may create a more challenging problem to remedy. A pressure washer with a fan-tipped nozzle should be used only to lightly wet or rinse wood or composite deck surfaces.*

There are many deck wash and exterior cleaning products available at retail. It is important to make sure you use a cleaner specifically intended for your application. After selecting a product, be certain to read, understand and follow all instructions supplied by the manufacturer. Some cleaning products and inhibitors may be more



effective than others, depending on the environmental conditions your deck is subjected to. Additionally, it is always a good idea to test the cleaner in a small, inconspicuous area prior to applying it to the entire deck ([www.urbanline.com.au](http://www.urbanline.com.au)).

*Tips for snow removal: Care should be taken when removing snow from your deck to avoid damaging the deck surface. Use a plastic snow shovel, one without a metal edge. A stiff push broom can work very well and minimizes lifting. Light snow can be cleared using a leaf blower. Do not attempt to break up or scrape ice from the deck surface; use ice melt products when needed. No concerns have been reported using ice melt products labeled “Safe for Pets”.*

## Mold Inhibitors

As with deck washes, there are several mold-inhibitor products available from paint stores, hardware stores, online outlets and home centers to help prevent long-term mold/mildew growth. For any product selected, be certain to read, understand and follow all instructions provided by the manufacturer. Depending upon the environmental factors affecting your deck, some preventive cleaning products may be more effective than others. It may be necessary to try more than one product. For ongoing preventive maintenance, follow the manufacturer's recommendation.

*Note: Tractio is not suitable for structural use. It should not be used for primary load-bearing members such as posts, joists, beams or stringers. The same commonsense precautions should be taken when handling Tractio as with wood or other building materials. Dust masks and eye protection devices are recommended to avoid possible irritation from sawdust and chips. Gloves will help protect hands. Hands should be washed after construction work.*

The diagrams and instructions in this brochure are for illustration purposes only and are not meant to replace a licensed professional. Any construction or use of the product must be in accordance with all local zoning and/or building codes. The consumer assume all risks and liability associated with the construction or use of this product. The consumer contractor should take all necessary steps to ensure safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment. Universal forest products, inc., makes warranty, either express or implied and shall not be liable for any damages, including consequential damages.