



**Brazilian Wood Depot**  
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## RealWood® Brazilian Hardwood Tongue and Groove Decking

### INSTALLATION REQUIREMENTS – T&G Decking

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Visit [www.bwdepot.com](http://www.bwdepot.com) for more information

IMPORTANT: FAILURE TO INSTALL AND FINISH THIS PRODUCT IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND BRAZILIAN WOOD DEPOT WRITTEN APPLICATION INSTRUCTIONS MAY LEAD TO PERSONAL INJURY, AFFECT SYSTEM PERFORMANCE, AND VIOLATE LOCAL BUILDING CODES. BEFORE INSTALLATION, CONFIRM THAT YOU ARE USING THE CORRECT INSTRUCTIONS AND INSTALLATION HARDWARE. FOR MORE INFORMATION VISIT [WWW.BWDEPOT.COM](http://WWW.BWDEPOT.COM) OR CALL (770)-242-0045.

#### STORAGE AND HANDLING:

For out-of-state (outside of GA) installation, it is required that the materials acclimate to the climate conditions of the job site before installation; allow materials to acclimate to the job-site climate for ten (10) days prior to installation. Always store materials flat and keep dry and covered prior to installation. Installing wet or saturated may result in shrinkage. Brazilian Wood Depot is not responsible for damage caused by improper storage and handling of the product.



#### ⚠ CUTTING INSTRUCTIONS

##### OUTDOORS

1. Position cutting station so that wind will blow dust away from user and others in working area.
2. Use the following method:
  - Dust reducing circular saw

##### INDOORS

- NEVER use a power saw indoors

##### FRESH CUT ENDS

- Always apply Wax Emulsion to fresh cut board ends to avoid "end checking"
- For best results, do not miter boards

#### RealWood® Decking - GENERAL REQUIREMENTS:

- Wood or steel framing must be provided; typical joist spacing (12" or 16" O.C.)
- DO NOT install RealWood® Decking such that they may remain in contact with standing water or without substantial capacity for ventilation (N/A if using Deck Tiles)
- DO NOT install RealWood® Decking directly onto substrate, concrete, or any material such that moisture remains on the bottom side of the board (N/A, Deck Tiles)
- Always use Wax Emulsion on fresh-cut board ends.
- Messmer's UV Oil must be applied in order to maintain color when used outdoors. Apply oil after installation, on the face of the boards, according to supplier's specifications; [bwdepot.com/documents](http://bwdepot.com/documents).

#### INSTALLATION:

T&G Deck boards must be spaced approximately 1/16" apart to allow for expansion/contraction and to avoid moisture buildup. Failure to leave the appropriate gap can lead to cupping, twisting, and/or bunching. Brazilian Wood Depot is not responsible for product failure as a result of insufficient ventilation or board spacing.

Using All Weather Sub Floor Adhesive with T&G is recommended to avoid shifting and creaking as shrinkage/expansion occurs.

1. Begin at the home/structure and work out to the termination of the area.
  - a. See notes below on first and final board runs.
2. Run a bead of adhesive down the top of the joists where you are beginning your deck installation.
3. Using a 1/8" drill bit (no countersink), at a 45 degree angle, predrill your holes in the Groove side of the board.
4. Always leave approximately 1/16" gap between the boards. You can achieve this by,
  - a. Driving the screws in tightly and backing them out 1/4 turn.
  - b. Using an appropriately sized spacer, placed between the boards, while screwing.

Repeat this procedure to complete your deck



**⚠ NOTE:** A different installation technique must be used for the First Board edge (often against the house/structure), the Last Board edge (often furthest away from the house/structure), the steps, and risers because there is no joist to screw into or you cannot access the edge of the board. See options below; SS Trim Screws, Plugs, and Hidden Brackets.

**SS (2.5") Trim Screws** - BWD provides #8 x 2 1/2" SS screws for concealed fastening. These should be screwed into a pre-drilled hardwood board 1/8" below the surface. Then, fill over this screw hole with a glue and sawdust mixture and wipe off excess with a wet rag.

**Plugs** - BWD provides a Plug System (ProPlug Kit) to conceal-fasten the First and Last Board edges. The kit contains a drill bit designed to cut a hole perfectly fit for the screws and plugs provided. Once the boards are pre-drilled and screwed to the joist, apply a small amount of glue (BWD recommends Titebond III) into the hole followed by a plug. Repeat these steps where joist is inaccessible or where a clip is not feasible or appropriate. After install, it may be appropriate to lightly sand over the plugs to flush the top of the plug to the board face(s). Finish, as usual, with a UV Oil-Base Deck Oil; See Below

**Hidden Brackets** - BWD provides Hidden Brackets (Deckmaster System). The Hidden Brackets should be screwed to the top of the side of the joists and to the underside of deck boards.

If cutting metal on or near RealWood® decking, all metal shavings must be completely wiped off the face of the boards. Metal shavings leave oxidation prints on boards if left over time.

For best color maintenance, a UV Oil-Based Deck Oil (Messmer's UV Plus) should be applied to the boards after installation and again, annually. Apply the oil with a brush or pad and wipe away any excess.

For additional information about installing RealWood® Decking consult Brazilian Wood Depot at 770-242-0045 or [www.bwdepot.com](http://www.bwdepot.com).