



FSC Hardwood Decking

RED GRANDIS

Storage and Installation Instructions

Red Grandis Storage:

Red Grandis is a hardwood and will pick up and shed moisture prior to installation. Depending on temperature and humidity, wood may expand or contract, so it is important to properly acclimate the wood for 7-14 days prior to installing. Careful storage is important to protect your investment. Keep material dry, out of direct sunlight and high moisture. Use dunnage to keep material at least 2" off the ground. Protect from weather with waterproof cover while still ensuring circulation.

Planning Your Decking Layout:

The natural shading, color and grain variation of each deck board add to the character and overall visual appeal of your finished deck project. Like a hardwood floor, an assortment of lengths of decking boards will also add immeasurably to the distinctiveness of your deck. To prevent being caught short, always add 5% to 6% to your decking material estimates to allow for cutting, trimming, waste and best appearance.

Preparation and Acclimation - Handling & Cutting of Hardwood Decking Material

Keep the decking materials out of direct sunlight until they are ready to be installed and finished. A tarp will work well, but leave the ends of the decking open to the air. **YOU MUST ACCLIMATE** Red Grandis Hardwood Decking to local moisture levels. Air-drying is an excellent way to achieve this. Equilibrium moisture content (EMC) varies significantly in different regions of the country; for additional information contact your Red Grandis representative.

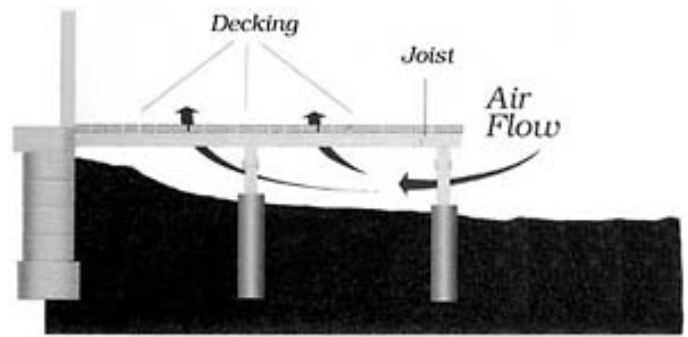
- When fully seasoned, expect shrinkage and or expansion of approximately 1/8" - 1/4" on 5-1/2" wide deck boards.
- Although Red Grandis decking can be cut and machined with standard woodworking tools, carbide tipped cutters are recommended for large jobs and best results.

Please Note: Some natural shrinkage and expansion of decking boards will take place on this product.

Important: Any fastening system other than screwing through the face of the deck boards is not recommended. The strongest and best method of fastening hardwood boards is with the appropriate stainless steel deck screws. This will provide maximum fastening power and maintain position of the decking boards over time.

Installing Your Decking Boards:

Do not construct your deck without groundside ventilation. Proper air circulation beneath the deck is critical to dimensional stability. A minimum of 18" to 24" of unobstructed airspace under the deck is essential.



- For residential deck construction, 1x6 hardwood deck board will span 16" on center.
- Deck boards should be installed with slight spacing for drainage. Some shrinking will occur as the wood dries and expands as it takes on moisture. The approximate shrinkage is 1/8" - 1/4" on 5-1/2" wide deck boards.
- Deck boards requiring straightening should be clamped in the position until properly fastened. Use of a Bow Wrench will work well. Deck screws may break if used to force deck boards into position.

Decking Screw-Down Method A:

The traditional approach has been to pre-drill the holes and then screw the decking boards into the frame. Pre-drill fastener pilot holes 7/8 of the actual screw size. Use a drill bit designed to extract stock during drilling. If you would like the screw heads to be hidden, the pre-drill would include a countersink preparation as well so that plugs may be installed over the top of the screw heads.

Decking Screw-Down Method B:

Innovation in deck screw technology continues to improve. One of the newer developments of fastening is performed with a patented deck screw that provides drilling, countersinking, and screwing all in one simple step. Although the screw heads are visible, they may be countersunk to your preferred depth in the deck board.

Hidden Deck Fastener Method:

Not Recommended.

Decking Preparation:

In order to minimize any checking (small cracks) in Red Grandis Hardwood Decking boards, it is necessary to seal any cut ends of the decking with Anchorseal. A disposable sponge brush works great. Take care to apply this product to the end grains of the decking boards only, not the face of the deck boards.

Surface sanding of your deck:

If you wish to start out with a more uniform look on your deck surface, you may sand the deck boards lightly after installation (80 grit sandpaper works best). This will allow any minor marks, scratches or surface imperfections in the deck boards to blend for a more "even" appearance. A thorough sweeping and rinsing (water is fine) of your deck surface is also recommended. If you plan to seal your deck with a penetrating oil and desire a more uniform appearance, a light sanding of the deck is highly recommended.



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