

# Red Grandis Decking

Red Grandis Decking is an exceptional product that is naturally durable and stands the test of time in some of the harshest climates. We take our decking material to the next level by pressure treating with NatureWood-CA, a copper azole type C (CA-C) by Koppers. This next generation preservative offers superior protection, leaving our product a beautiful rich brown color.

Red Grandis offers an economical and green alternative to many tropical hardwoods. Versatile and strong, this hardwood is plantation-grown in Uruguay, South America and is 100% FSC® certified. Renowned for stability, it serves as an excellent alternative to western red cedar, Spanish cedar, and mahogany for both interior and exterior applications.



*An economical and green alternative...*



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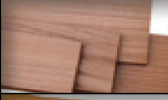

Clarksville, TN  
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Crystal Spring, PA

800.476.5393 / 706.865.3166  
[www.hardwoodweb.com](http://www.hardwoodweb.com)

# Technical Specifications

## Why use RED GRANDIS DECKING?

- **Distinctive** color, exotic appearance, premium color and grain, and consistent value
- **Durability Rating** class 2-3 makes it excellent for exterior applications
- **Environmentally** managed plantation, FSC® 100%
- **Machines** very well showing good dimensional stability, medium density hardwood, decay resistant
- **Kiln Dried** properly at state-of-the-art facility
- **Grade Consistency** - NHLA grading rules

<b>Wood Property Testing and Species Comparison Table</b> Source: Oregon State University, July 2019							<b>Price Comparison</b> Source: US Wholesalers
	Species	SG <sub>12</sub>	MOR (psi)	MOE (x106 psi)	Hardness (lbs.)	Durability Class	FOB Price USA
	<b>RED GRANDIS™</b> (Eucalyptus Grandis)	0.52	12,571	1.55	881	2-3 <sup>c</sup>	\$
	<b>WESTERN RED CEDAR</b> (Thuja Plicata)	0.32	7,500	1.11	350	2 <sup>b</sup>	\$\$\$\$\$
	<b>BALD CYPRESS</b> (Taxodium Sisticum)	0.46	10,600	1.44	510	3-4 <sup>b</sup>	\$\$\$
	<b>AFRICAN MAHOGANY</b> (Khaya Spp.)	0.64 <sup>a</sup>	10,700	1.41	830	3-4 <sup>b</sup>	\$\$
	<b>SAPELE</b> (Entandrophragma Cylindricum)	0.67 <sup>a</sup>	15,300	1.81	1,500	3-4 <sup>b</sup>	\$\$
	<b>MAHOGANY, TRUE</b> (Swietenia Macrophylla)	0.59 <sup>a</sup>	11,500	1.49	810	1-3 <sup>b</sup>	\$\$\$\$\$

a - Value from the **Wood Database** - <https://www.wood-database.com/>

b - Value from **Natural Durability of Wood: A Worldwide Checklist of Species**

c - Value from confidential report: Assessment of the natural durability of Eucalyptus grandis, P. Dokoupilova, October 2009. TRADA Technology Ltd.

Durability Class Ratings: 1 = very resistant; 2 = resistant; 3 = moderately resistant; 4 = slightly resistant; 5 = nonresistant.

\*Specimens were tested according to ASTM D-143 **Standard Test Methods for Small Clear Specimens of Timber**.



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