

NELSON ELITE GRADE - PREMIUM RED BALAU DECKING

BECAUSE WHEN IT COMES TO QUALITY THERE IS NO COMPROMISE

Fine landscape architecture demands the highest quality materials. With a rich natural beauty and legendary hardness that is not easily found in other decking materials, **Nelson Elite Decking** is the natural answer for exterior decking applications.

We carefully select only the finest timber to achieve a nearly blemish free decking with excellent color consistency and superior strength, hardness and natural durability. With top of the line beauty and tough, long lasting performance, **Nelson Elite Decking** is the product which others try to emulate.

Red Balau Decking is known for its hardness, beauty and natural durability. Professional builders and do-it-yourselfers alike enjoy working with **Nelson Elite Decking** because of its high quality and consistency.

While there are more than 200 different species of Meranti/Philippine Mahogany found throughout Asia, the **Nelson Elite Decking** utilizes only a select Shorea species found within the sub-grouping. Our narrow focus provides consistency and ensures there is no compromise on quality.

Because we stake our reputation on the superior quality of our products we are confident that when your project is complete, no other material will provide you with the satisfaction and distinctive beauty of **Nelson Elite Grade**, the Premium Class Decking.

COMPARITIVE PERFORMANCE TABLE

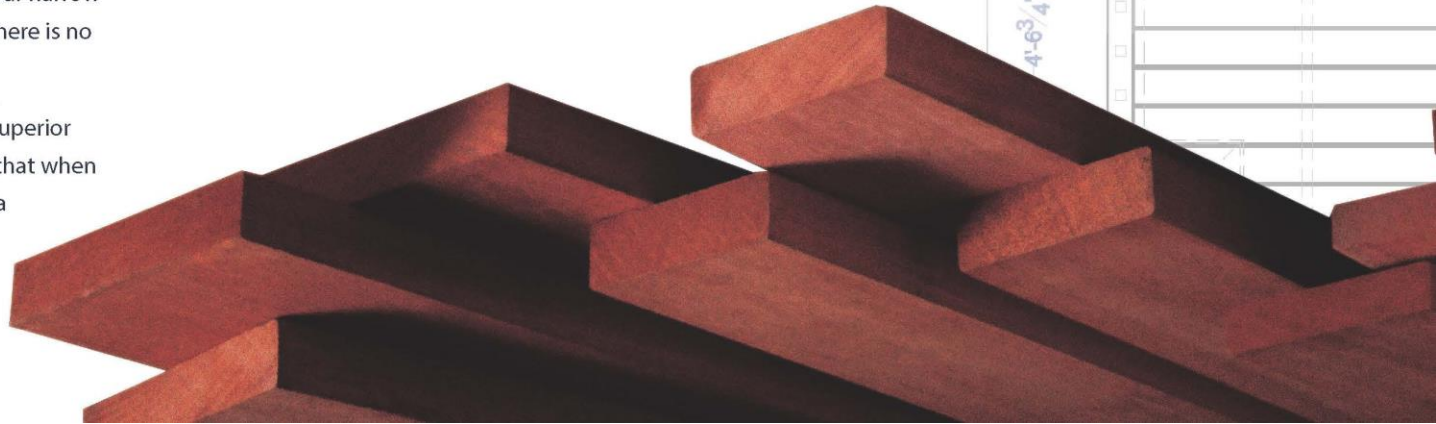
SPECIES	HARDNESS (LBS)	STIFFNESS MOE (1000psi)	STRENGTH MOR (psi)	DECAY RESISTANCE
Red Balau	2190	2610	18800	Naturally resistant to decay
Meranti / Philippine Mahogany	780	1770	12700	Only the Dark Red species is durable
Cambara	870	1560	12700	Durable but treatment suggested
Southern Yellow Pine	750	1880	14200	Chemical treatment required
Cedar	350	1110	7500	Durable but treatment required

US Dept. of Agriculture Handbook No. 207 pp 141-147
US Dept. of Agriculture Handbook No. 72 pp 4-14

Nelson Elite Red Balau Decking is the first choice for any job that requires a superior finish, natural durability and long lasting performance. This versatile, distinctive wood lends elegance to any project.

With its legendary hardness and superior natural durability, Nelson Elite Decking is the ideal material for use on any outdoor projects.

Available in all the standard decking sizes, tongue and groove patterns, 2x2 balusters, handrail and 4x4 posts. Nelson Elite Decking offers a complete package for all your outdoor projects.



Nelson International has been a manufacturer and importer of high quality specialty products for more than 40 years. Our global sourcing and distribution network combines purchasing **power, flexibility** and experience. Progressive and service driven, Nelson International strives to constantly expand and build on our reputation as a reliable provider of quality materials, finished goods and international trade services.

Nelson International and our affiliates have an ongoing commitment to the preservation and responsible utilization and management of our forest resources. We strongly encourage all of our suppliers to follow best industry practices in order to minimize damage to the environment and ensure long term sustainability. Every piece of lumber purchased or sold by Nelson International is in compliance with all local, national and international laws and regulations.

**NELSON ELITE
GRADE PREMIUM
RED BALAU DECKING.**

*Because when it comes
to quality, there is no
compromise...*

**Installation Essentials for
Hardwood Decking Storage and Handling:**

Keep your **Nelson** hardwood deck boards clean, dry and out of direct **sunlight before installation and finishing.**

Finishing:

Seal decking with a high quality penetrating oil sealer on all four sides prior to installation. Sealing only one side can create uneven moisture flow which increases the likelihood of cupping.

A periodic cleaning and a light coat of finish will be required in order to maintain original color.

Ventilation and Air-Flow:

Check and follow your local building codes

Allow adequate ventilation for proper air flow to reduce cupping and checking potential. (See diagram)

For maximum long term stability, install deck with a minimum ground clearance of 18", with at least two sides of the deck open. In all cases, it is **absolutely necessary to have at least 50% unrestricted airflow**

Create a slope for drainage so there is no chance of standing water.

If a minimum ground clearance of 18" is not available, we recommend 5/4 X 4 decking.

Spacing:

Nelson decking is kiln dried. Unlike air dried boards shrinkage is very limited. However, excessive moisture may cause the boards to expand slightly.

Install 6" (5-1/2" net) decking with a minimum gap of 1/4" between each deck board. 4" (3-1/2" net) decking should have a minimum gap of 3/16" between each board. Also allow 1/4" from any structures such as foundations or rail post.

In more demanding applications, such as boat docks, decks built closer **to the ground and decks with less airflow**, a minimum gap of 5/16" for 6" decking and a minimum of 1/4" for 4" decking is required.

Nelson decking does not shrink or expand end to end, so neatly trim ends and butt together.

Fastening:

Pre-drill pilot holes and countersink for all screws using higher quality #10 or greater, stainless steel screws, with a minimum screw penetration into joist of 1-1/2".

Face screwing or edge screwing are the most effective methods of installation. Do not use hidden clipfasteners or nails!



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Distributed By:



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Premium Class Red Balau Decking**

