



**BLUE
STAR[®]**

CERTIFIED MALAYSIAN HARDWOODS



"Malaysia is committed to sustainable forest management... Malaysia has embarked on numerous projects aimed at promoting and implementing sustainable forest management practices"

Food and Agriculture Organization of the United Nations (FAO), Country Report for the World Summit on Sustainable Development, Johannesburg, 2002



**100% Certified by
the Malaysian Timber
Certification Council**



PEFC[™]
PEFC/34-31-032 www.pefc.org

Accessorize your deck with handrails, bottom rails, balusters, 4x4 posts, and trim boards. Over 50 individual items available.



BLUE STAR®

Select and Better
Dark Red Meranti

*Mick residence
Alameda Ridge, Portland, Oregon*

*Woodway® Architectural Deckrail panels
manufactured by L.W.O. Corporation,
Portland, Oregon*

*see these products at
www.woodwayproducts.com*

*Systematic management of
Malaysia's rich natural forests
began in 1901, with the appoint-
ment of the first Forest Officer.*

"Since 1983, I have been directly involved with timber businesses in The Philippines, Indonesia, Malaysia, Brazil, Chile, and New Zealand. Only in Malaysia have I found a suitable measure of reliability and responsibility in the areas of tropical forest management and resource-based economic development. Malaysia does not suffer the social, political, or economic ills that trouble other tropical producers. In 1992, we turned our full attention to our partnership in Malaysia, where we can be assured our business meets the ethical, environmental and performance standards that we and our customers demand."

*Mike Moscoe, President,
International Market
Strategies, Inc.*

Known to ancient mariners as "The land between the winds," the Malay Peninsula extends 460 miles from the tip of continental Asia, reaching from Thailand to Indonesia.

Peninsular (West) Malaysia, and Malaysian Borneo (East Malaysia) share a land area slightly larger than New Mexico.

The Golden Age of the Malayan Peninsula occurred in the 15th century, when the Empire of Melaka (Mallaca) assumed great power and influence as the crossroad of trade between India, China, and the Middle East. Early chronicles describe the region during this time as a vast economic and social melting pot, where over 60 languages were spoken in Melaka's streets.

Seeking colonial territory and control of the spice trade, Portugese forces seized Melaka in 1511, starting a period of European influence in Southeast Asia that would last more than 400 years. The Dutch wrested control of the peninsula in 1641, only to be supplanted by the British in the late 18th century.

Modern Malaysia, formed in 1957, remains a member of the British Commonwealth. A federation of 13 states, the nation retains its rich mixture of cultures and traditions. Malaysia's 28 million citizens are approximately 61% Malay and other indigenous groups, 24% ethnic Chinese, 7% Indian, and 8% other cultures.

Chinese, Buddhist and Hindu temples, along with various Christian churches are widely interspersed with Muslim Mosques, which are the dominant religious symbols in Malaysia.

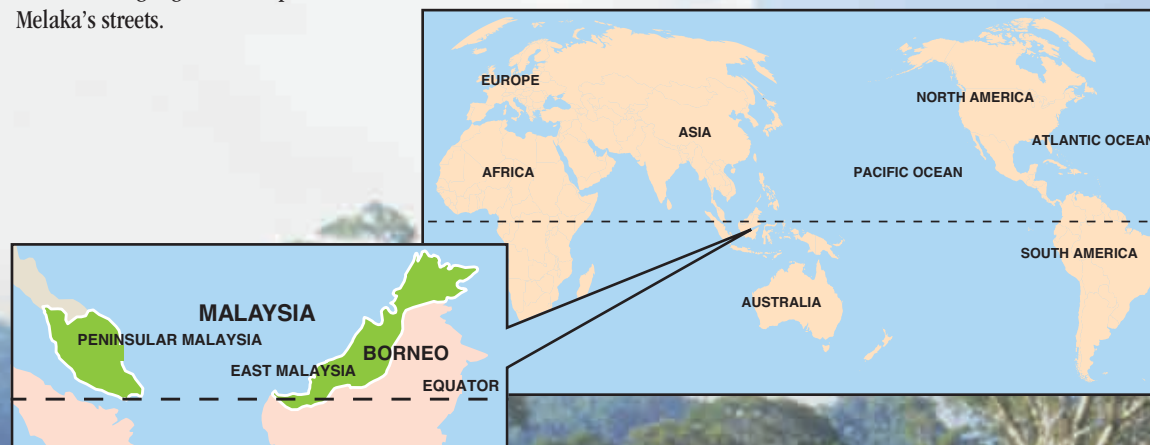
Since the early 1970's, Malaysia has transformed itself from a producer of raw materials to an emerging multi-sector economy. Peace, prosperity, and careful planning have characterized its growth and emergence as a reliable, responsible business partner. With its modern transportation, communication, financial and energy infrastructures, **Malaysia is positioned for the future.**

Malaysia was one of 13 countries identified by the World Bank in its 2008 Growth Report to have recorded average economic growth of 7%, or more, for 25 years. The growth has been inclusive. Poverty is virtually non-existent, as fewer than 1% of households live below the national poverty line.

The resilience of the economy and determination of the people are among the reasons that prestigious companies like **Dell Computers, Intel, National Semiconductor, Motorola** and **Seagate** have found Malaysia a reliable and friendly nation in which to maintain major business operations.

Truly one of the economic success stories of the postwar period, Malaysia remains a beneficial trading partner with the U.S. In 2015, the U.S. market represented 9.4% of Malaysia's exports (\$ 19.1 billion). In the same year, Malaysia imported \$ 14.4 billion worth of U.S. goods.

Since 1985, Blue Star Products has remained a dedicated supplier to the U.S. market. We are proud to be part of the national economic success, and proud of our trade link to the American market.



MALAYSIA...Our business — and your supply — are set for the future.



Final grading at The Wood Factory



Seeds collected on site are transformed into trees for enrichment planting in logging areas

Blue Star products are brought to you by:

Blue Star Sawmill SDN BHD, of Karak, Pahang, Malaysia. (Timber managers; sawmill).

TheWood Factory SDN BHD, of Karak, Pahang, Malaysia. (Subsidiary moulding factory of Blue Star Sawmill.)

International Market Strategies, Inc., of Portland, Oregon, USA. (U.S. importers, Sales Agent.)



The Petronas Towers in Kuala Lumpur stand 1483 feet tall



Culturally rich and diverse, Malaysia finds a place for many religions

Malaysia

"In Malaysia, the national forest program is part of the national sustainable development strategy, as well as an integral component of the national integrated land management strategy"

Food and Agriculture Organization of the United Nations (FAO), Country Report for the World Summit on Sustainable Development, Johannesburg, 2002

"Our certification principles are based on internationally agreed principles and criteria of producers and consumers.

If Malaysia cannot make certification work, it will be difficult for any tropical timber producing country to do so.

Malaysia is well ahead of others in tropical forest management."

Dato' Ismail Awang, CEO, Malaysian Timber Council

Buyers increasingly ask about the origins of our products, and demand verification of our sustainability. We believe our customers want a viable forest products industry – but they want an industry that is well managed and accountable. Our certification and transparent documentation demonstrate our concern for the integrity of our business, our industry, and our customers. We recognize that environmentally driven purchasing is here to stay.

100%

of Blue Star timber is harvested under certificate: SGS-MTCS/FM-0104 (Pahang State Forestry Department, Forest Management Unit).

Blue Star products are sawn, manufactured, packaged and shipped under certificates: SGS-MTCS/COC-0036 (Blue Star Sawmill SDN BHD); SGS-MTCS/COC-0184 (The Wood Factory SDN BHD).

For more information about our certification, please visit: PEFC at www.pefc.org MTCC at www.mtcc.com.my Blue Star Products at www.bluestardecks.com

BLUE STAR IS 100% CERTIFIED

Blue Star is the only full-line producer of imported hardwood decking and related products for the U.S. market that is fully certified by an internationally recognized program. All our operations and facilities, and all our products are 100% certified.

Our timber is harvested from managed forests certified under The Programme for the Endorsement of Forest Certification (PEFC), under license PEFC/34-44-02. This program is overseen by The Malaysian Timber Certification Council (MTCC).

MTCC was established in 1998 to develop a long-term sustainability plan and national certification program for Malaysia's forests. To date, more than 10 million acres of Permanent Reserve Forests in ten separate Forest Management Units in Malaysia have been certified under this program. It was the first, and remains the largest certification program in the world, for tropical forests.

PEFC endorsed the MTCC plan in May, 2009. PEFC endorsement assures mutual recognition by 27 other PEFC-endorsed national programs. PEFC products are recognized and accepted under "green" building programs from Australia/New Zealand to Japan, throughout Europe and Asia, and in Canada and the U.S. The Sustainable Forestry Initiative (SFI) is the PEFC-endorsed program in the U.S. (visit www.sfi-program.org).



© 2000 Malaysian Timber Certification Council



POLICY

Malaysia stands apart from all other prominent suppliers of tropical forest products, in both planning and practice:

Malaysia is party to 15 international environmental agreements and plays an active part in the World Summit on Sustainable Development, the Kyoto Negotiations and the Convention on International Trade in Endangered Species.

- The Forest Enactment and Rules, 1930
- The Interim Forest Policy, 1952
- The National Forestry Policy, 1978
- The National Forestry Act, 1984
- Malaysian Timber Certification Council established, 1998.
- Malaysian Criteria and Indicators for Sustainable Forest Management, 1999 (Continually updated. Last update: January 2016.)
- MTCC endorsed by PEFC, 2009

PRF

The "Permanent Reserved Forests" (PRF) are the cornerstone of sustainable forest management in Malaysia. The PRF are managed for multiple use, including protected forests, sustainable timber production forests, plantation forests, and wildlife sanctuaries.

LOGGING PRACTICES

100% of Blue Star timber comes from designated timber concessions within the PRF. Contracts to harvest timber are obtained through an open public bidding process similar to the one employed by the U.S. Forest Service.

All harvesting activities are supervised by State Forestry Department officials.

SELECTIVE FELLING... NO CLEARCUTS

Timber is harvested under a rotating selective felling system, which is

intended to create a perpetually regenerating natural forest that is a renewable source of forest products. Timber is **not clear cut**. Nor is the natural forest converted to commercial tree plantations of single species.

Under current guidelines, an average of **one to two trees per acre** are selected by the foresters for extraction, based on scientific forest management principles. Trees **are not** selected for their commercial value.

As trees are harvested, increased sunlight reaches the lower level of the forest and triggers rapid new growth that resembles the original mixture of species. **Once an area has been logged, it is left alone for 30-35 years, before it can be logged again.** This cycle can be repeated perpetually.

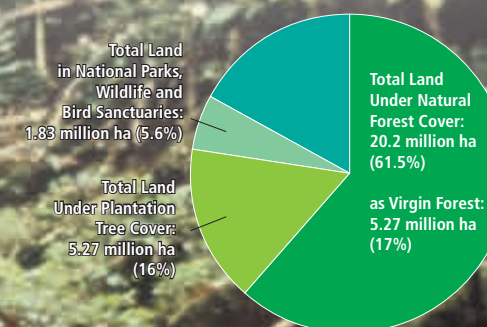


Forest engineers advise on the implementation of forest policies



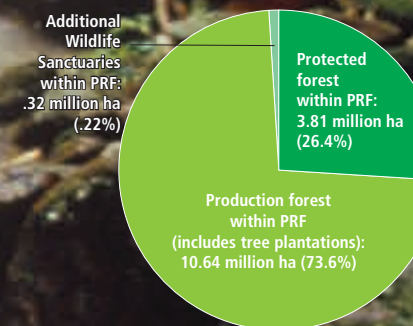
A Meranti Bakau harvested with the directional felling method

LAND USE IN MALAYSIA



Total Land Area in Malaysia: 32.83 million ha
one hectare (ha) = 2.47 acres

LAND DISTRIBUTION WITHIN PRF



Total Land in PRF: 14.45 million ha
(44% of total land area of Malaysia, 71.5% of natural forested land)



Harvested trees are carefully tracked from forest to factory

61.5% of Malaysia remains under natural forest cover. An additional 16% is under plantation tree cover.

Forest Departments of Peninsular Malaysia, Sabah & Sarawak



Orangutans roam freely in wildlife sanctuaries across Malaysia



The rare Malaysian Rafflesia, perhaps the largest flower in the world

**DARK RED MERANTI:
BEAUTIFUL,
FUNCTIONAL AND
SUSTAINABLE**

Prized by European architects for high-class joinery applications, **Dark Red Meranti** provides the ultimate combination of beauty, versatility, performance and economy for decking and related products.

The forests of Southeast Asia produce literally thousands of species of timber. Among those are more than one hundred individual meranti species, and an equal number of "look alikes."

When you buy Blue Star products, you get the *right species for the right products*.

Dark Red Meranti Bukit (*Shorea platyclados*) has been our proven performer for more than 30 years as decking, porch flooring and exterior trim.

Dark Red Meranti Nemesu (*Shorea pauciflora*), is a close cousin of M. Bukit. The two possess virtually the same properties, and are nearly indistinguishable. We utilize Nemesu for the same purposes as M. Bukit.

Red Seraya (*Shorea curtisii*) is often referred to simply as Seraya. Its straight grain and fine texture make it our preferred species for wide boards and profiled mouldings. It also makes great decking. Seraya dries evenly, machines beautifully, remains stable in exterior applications, and is easy to work with.

The varied grain and rich color of Dark Red Meranti give Blue Star products a luxurious, natural look.

These species mill to a superior finish, absorb and hold paint and other finishes deeply and evenly. They age to a smooth surface, with minimal checking (compared to other hardwoods used in exterior applications).

Blue Star meranti products exceed all recognized industry standards for strength, durability, pest and rot resistance for use in interior and exterior building applications.

MECHANICAL PROPERTIES

	Density@ 15% MC	Static Bending Strength	Modulus of Elasticity	Shear, parallel to grain	Janka Hardness	Strength Group
M.Bukit, Nemesu *	46-53 lbs/cu.ft.	13,300 psi	1,840,000 psi*	1660 psi*	1450-1750 lbf*	B (very strong)
Seraya	42-48 lbs/cu.ft.	11,960 psi	1,860,000 psi*	1490 psi*	1350-1600 lbf*	B (very strong)

Blue Star Meranti bukit decking carries a Class A fire rating.

WORKING PROPERTIES

	Planing	Boring	Turning	Nailing
M.Bukit, Nemesu *	Easy, smooth finish	Easy, smooth finish	Easy, smooth finish	Good
Neraya	Easy, smooth finish	Easy, smooth finish	Easy, smooth finish	Good

**Figures are an average of multiple specimens tested. Timber may vary according to the age of the trees, and the location and/or elevation from which the trees originate.*

Sources: Forest Research Institute of Malaysia (FRIM); USDA, The Wood Handbook (Wood as an Engineering Material, General Technical Report #113).

For complete product information and installation procedures, visit www.bluestardecks.com

Since 1985, Blue Star has pioneered the development of imported hardwoods for the decking and exterior/interior construction trades in the U.S.

We offer over 50 individual items for your projects.

For more information about all our products, visit us on the web at: www.bluestardecks.com



BLUE STAR PLUS

The #1 choice in hardwood decking by East Coast builders for more than 25 years is now available factory coated with Messmer's UV PLUS for Hardwoods.



BLUE STAR
Plus



T and G Ceiling boards have a Center Bead profile on one face



T and G products have one v-edge and one square edge face



DECKING



DECKING ACCESSORIES



BEADED CEILING



FINISH LUMBER, STAIR TREADS, S4S BOARDS



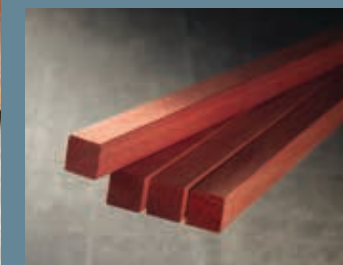
T&G PORCH FLOORING



SIDING



Bullnose Stair Treads



2x2 Balusters are available in S4S/E4E or Turned Colonial profiles

OUR SUPPLY LINE IS 15,000 MILES LONG!

It can take 4 to 12 months to saw, season, dry, manufacture, and deliver our various products to the U.S. Our goal is to fill 100% of our orders in 48 hours or less, year round.

How can we do it? Simple... We cover the market!

Our distributors maintain complete inventories year round, in 7 separate warehouses – over 50 individual Blue Star items.



We maintain substantial support inventory in our factory warehouse at all times.

Blue Star Sawmill SDN BHD and its subsidiary moulding factory, The Wood Factory SDN BHD, are located in the State of Pahang, in central Malaysia. The companies are owned and operated by the Lim family. Blue Star is represented in North America by International Market Strategies, Inc., dba Blue Star Products USA, of Portland, OR.

Blue Star is a vertically integrated forest products company. We manage and harvest timber lands, saw and dry our timber, and produce a variety of finished products. All aspects of our production are under company management, "from forest to finish."

FORESTRY

SAWMILL

FACTORY

FACILITIES



Custom-designed Rimbaka logging machines help Blue Star remain a leader in low-impact logging



Factory-coated decking stacked for drying



Surveying a forest concession that was logged in 2010



Sorting green lumber at the sawmill.



Each piece is handled with care



First cut at Blue Star sawmill



Dry-kiln complex and power plant



Every product is graded seven times



Final grading and packaging for export

WE LEAVE NOTHING TO CHANCE

From monsoon rains to unexpected problems at shipping ports...from holiday breaks to long sailing schedules...we back up everything.

With weekly sailing service via our partner shipping lines, our turnaround time from Malaysia to East Coast ports is typically six weeks.

Through careful planning and teamwork, we deliver what you want, when you need it, at a fair price.



DISTRIBUTED BY:

The Warren Trask Company
of Lakeville, MA
(800) 752-0121

www.wtrask.com

The Warren Trask Company
of Albany (Menands), NY
(800) 827-2446

Mid-State Lumber Corp. of
Branchburg, NJ
(800) 942-7776

Mid-State Lumber Corp. of
Warwick, NY
(800) 914-9663

www.midstatelumber.com

Mid-State Lumber Corp. of
Kingston, PA
(800) 257-7415

PRODUCTS FROM PERMANENT FORESTS



100% Certified by
the Malaysian Timber
Certification Council

www.mtcc.com.my



www.bluestardecks.com

BLUE STAR® is a registered trademark of International Market Strategies, Inc.
P.O. Box 82472 Portland, OR 97282 Printed in U.S.A.

