

maskayu

MALAYSIAN TIMBER INDUSTRY BOARD



VOL 4
APRIL 2020

OFFICIAL VISIT BY YB MINISTER AND YB DEPUTY MINISTERS OF PLANTATION INDUSTRIES AND COMMODITIES TO MTIB



TEMPINIS - SUITABLE FOR HEAVY CONSTRUCTION

ISSN 0126-771X





3



9



CONTENTS

HIGHLIGHTS

3

Official Visit by YB Minister of Plantation Industries and Commodities to MTIB

17

Furniture Market in Japan

18

KWM Craft - A Wood Crafting One Stop Centre

9

Official Visit by YB Deputy Ministers of Plantation Industries and Commodities to MTIB

30

Tempinis – Suitable for Heavy Construction



REGULAR FEATURES

4

Timber World in Brief

14

Domestic Trade News

10

Shipping News

25

Market Profile : South Africa-Timber Industry Plans for a Positive Future

12

Timber Round-Up

32

MTIB Moments

OFFICIAL VISIT BY YB MINISTER AND YB DEPUTY MINISTERS OF PLANTATION INDUSTRIES AND COMMODITIES TO MTIB



TEMPINIS - SUITABLE FOR HEAVY CONSTRUCTION

Cover : For more details on official visit by YB Minister and YB Deputy Ministers of Plantation Industries and Commodities to MTIB, please read pages 3 and 9.

Chief Editor

Mohd Kheiruddin Mohd Rani
Director-General

Editorial Members

Dato' Dr. Mohd Puat Dahalan
Hj. Mahpar Atan
Hjh. Robiyah Hj. Husin
Hj. Kamaruzaman Othman
Dr. Mohd Nor Zamri Mat Amin
Saiful Bahri Salleh
Farydatul Nazly Mohd Zin
Noorazimah Sarkom@Hj. Othman
Roslina Idris
Mohd Nizam Hamid
Mohd Amin Kadir
Shamsul Azman Abdul Aziz
Hafsah Hasbi

Publisher

MALAYSIAN TIMBER INDUSTRY BOARD

Level 13 - 17, Menara PGRM, 8, Jalan Pudu Ulu, Cheras,
P.O. Box 10887, 50728 Kuala Lumpur, Malaysia
Tel : 603-9282 2235
Fax : 603-9200 3769/9283 9792
E-mail : info@mtib.gov.my
Website : www.mtib.gov.my



Read eMASKAYU at

www.mtib.gov.my

News

OFFICIAL VISIT BY YB MINISTER OF PLANTATION INDUSTRIES AND COMMODITIES TO MTIB

YB Dato' Dr. Mohd Khairuddin Aman Razali, Minister of Plantation Industries and Commodities held his first official visit to MTIB headquarters in Cheras, Kuala Lumpur on 7 April to discuss on the developments of the Malaysian timber industry. YB Minister was accompanied by Encik Mad Zaidi Mohd Karli, Deputy Secretary-General (Plantation and Commodities), and Encik S. Letchumanan a/l Shanmugam, Senior Secretary, Timber, Tobacco and Kenaf Development Division. They were welcomed by Encik Mohd Kheiruddin Mohd Rani, Director-General of MTIB and the management of MTIB.

During the meeting, YB Minister was informed of the functions of MTIB and its core business as well as the current status of the Malaysian timber industry, its issues and challenges. He was also presented with a report on the current status of the operation mills approved by MTIB during a Movement Control Order (MCO). During the meeting, YB Minister requested for MTIB to organise activities to strengthen both the wood carving industry and the Bamboo Community Programme. Aside from that, MTIB was asked to strengthen networking ties with the National



YB. Dato' Dr. Mohd Khairuddin Aman Razali, Minister of Plantation Industries and Commodities (third from right) with officials from MPIC and MTIB practising social distancing during MCO.

Kenaf and Tobacco Board (LKTN) to enhance the development of the Kenaf industry.

In terms of human capital development, WISDEC was urged to play the main role in organising joint ventures with local universities and technical training providers to attract Malaysia youths to be part of the local timber industry so as to reduce dependence on foreign labour. MTIB was also asked to carry out a survey on the involvement of Pakistani furniture entrepreneurs in the local furniture market. YB Minister also requested that MTIB organise an official visit to a Karas plantation for his ministerial delegation in order for them to have a better understanding of the issues faced by local Karas plantation owners.



Meeting in session.



INDONESIA

LOCKDOWN ON ITS CAPITAL, JAKARTA

Indonesia will impose a lockdown on its capital Jakarta, to curb the spread of the coronavirus. Jakarta is currently the hardest hit area of the country, as such authorities have imposed large-scale social restrictions including closure of schools and offices. Gatherings larger than five people are also banned.

Industry sectors considered "essential", such as pharmacy, fuel, construction and food can still resume activity. Wood companies are still waiting for the Government's approval to be considered "essential" activity.

The restrictions will take effect for two weeks with the possibility for further extension.

www.fordaq.com, 8 April



VIET NAM

TWO-WEEK LOCKDOWN BUT FACTORIES STILL ALLOWED TO OPERATE

Factories in the wood industry are likely to remain operational in Viet Nam, as the country enters into a two-week lockdown (1-15 April 2020). However, the health-related precautions imposed by the government may result in labour challenges.

The country announced a series of measures on 1 April aimed at ensuring social distancing for about two weeks. Vietnamese "were told to stay at home and should only go out in case of extreme necessities, such as buying food, foodstuff and medicine; emergencies; working at factories, production establishments, and facilities trading in essential services and goods," according to a Vietnamese government official statement.

What this means is that under the current lockdown, factories in Viet Nam are still allowed to operate, if due precautions are followed. "The heads of enterprises, production establishments and traders of goods and services are responsible for applying epidemic prevention and control measures at their establishments to ensure the health and safety for workers," the government statement says.

www.fordaq.com, 2 April



CHINA

CIFF GUANGZHOU TO BE POSTPONED IN JULY

With the growing uncertainties in the business environment due to the outbreak of the coronavirus, fair exhibitors and visitors are adopting new ways to combat challenges in this tough time. The organisers have decided to reschedule the fair date to a later date in July.

Hence, the 45th China International Furniture Fair (Guangzhou), originally scheduled for March, has been postponed to 18-21 July 2020 (Home Furniture/Home Décor/Outdoor Leisure) and 27-30 July 2020 (Office Show and CIFM/interzum Guangzhou).

Amidst current challenges, the industry has maintained a positive outlook and is experiencing positive trends in the society as the positive trend in containing COVID-19 has been expanded in China, yet the overseas spread of the virus has brought new challenges.

www.fordaq.com, 3 April



DUBAI

WOODSHOW 2020 RESCHEDULED TO 7-9 SEPTEMBER

In view of the current global pandemic and in light of the precautionary measures set by the UAE to prevent the further spread of COVID-19, the organisers of the Dubai WoodShow 2020, which was set to happen on 9-11 June, have decided to reschedule the event to 7-9 September 2020 in Dubai.

After consulting and deliberating with the health authorities, the organisers decided to move its commencement date to September as the main priority is to continue safeguarding the well-being of the participants and to ensure a safe environment for everyone.

The organisers firmly believe that rescheduling Dubai WoodShow is the best course of action to take at this time, and urge everyone to follow the health & safety regulations and guidelines established by their respective countries.

www.fordaq.com, 23 April



GERMANY

RAW MATERIAL SUPPLY FOR THE WOOD INDUSTRY REMAINS SECURED

A continuous supply of raw materials is of central importance for the smooth functioning of the timber industry in Germany.

Against the background of the unprecedented coronavirus crisis, the German Raw Wood Association (AGR) has captured the assessment of the market partners in the logistics chain. The result: The players in the wood supply chain right down to the processing plant do not expect major systematic supply problems.

"The previous feedback from the industry makes me cautiously optimistic that timber transport can continue to run well during the crisis," said Marco Burkhardt, Managing Director of the Federal Association of the Timber Transport Industry (BdHG).

Forestry companies also continue to work largely across the board, only in the vicinity of the border, because of the lack of foreign workers, there may be occasional bottlenecks in motor manual reprocessing and replanting. "We currently see no bottleneck in the supply of raw materials for the industry in forestry service companies," says Maurice Strunk, Managing Director of the German Forest Entrepreneurs Association (DFUV).

Trade associations of industrial companies have so far reported no raw material problems. In a survey by the Federal Association of the Sawing and Wood Industry (DeSH), more than 95% of sawmills indicated little or no pandemic-related restrictions in the raw material supply. The Association of German Paper Mills (VDP) also reports no raw material shortages due to the current situation.

With regard to the spreading calamity, however, the urgently needed processing of damaged wood in the forests could stall. Many companies are faced with a volatile demand for wood products. Against the background of the crisis, exports cannot absorb the corresponding quantities as before. It would be politically urgent to create a suitable valve for the recycling of damaged wood by strengthening the national demand for wood products - for example in the construction sector.

At the same time, additional transport policy measures to accelerate the removal of damaged wood, such as the temporary increase in the permissible total weight of the transport of damaged wood by truck, must be taken or continue to be carried out in order to remove as much damaged wood as possible from the forests before the bark beetle season begins and to keep the healthy trees protected.

"Overall, companies in the timber industry are currently acting cautiously, because although they are used to crisis, the pandemic is an unprecedented event," AGR President Leonhard Nossol summarizes the current mood in the industry.

www.fordaq.com, 9 April



GERMANY

TIMBER INDUSTRY UNDER HEAVY PRESSURE

The German forestry and timber industry was already in a state of emergency before the coronavirus pandemic: storms, drought and bark beetles have been threatening the industry for over two years.

German companies had already reached their limits in order to cope with the amount of damaged wood and needed support, while the current coronavirus crisis is exacerbating the situation. According to a German Sawing and Timber Industry Federation (DeSH) survey, 70% of the German sawmill companies are already negatively affected by the coronavirus pandemic.

Between 2018 and 2020, storms, droughts, fires and bark beetle infestations in Germany caused around 160 million m³ of damaged wood on an area of 245,000 hectares, according to the latest figures from the Federal Ministry of Food and Agriculture (BMEL). The forecasts for 2020 have shown hardly any relaxation. On the contrary, due to the mild winter and the pre-damage, experts assume that the beetle situation will worsen in spring.

In view of the parallel burden of the pandemic and the progressive damage to the forest, the DeSH is calling on politicians to take steps to deal with the short-term as well as a long-term economic recovery.

The DeSH's internal survey clearly shows that numerous companies plan to go short-time during the coronavirus crisis. In order to enable wood to be used over a longer period of time in view of this limitation in processing capacities, the expansion of storage options is essential.

DeSH believes that long-term political measures must ensure that wood makes an outstanding contribution to the sustainable development of society. This includes the promotion of building material in public tenders, the acceleration of planning and approval procedures for timber construction projects, connection regulations for wood-fired power plants in the Renewable Energy Sources Act (EEG), and the expansion of the reduced VAT rate to all timber products.

www.fordaq.com, 2 April



AUSTRALIA

50% DECLINE IN SAWNTIMBER DEMAND FOR DOMESTIC SAWMILLS OVER NEXT SIX MONTHS

The Australian Forest Products Association (AFPA) is calling on Australia's leaders to urgently put in place a stimulus recovery package for the housing construction sector to counter the massive reduction in new house starts and consequently the timber products used in their construction.

AFPA CEO Ross Hampton said, "Australia's softwood timber processing industry supplies most of the renewable timber products for new houses built in Australia and a substantial portion of multi-unit and commercial construction. A survey has laid bare the massive impact CoVid-19 is about to wreak. New house starts are plummeting and forward orders are drying up. AFPA is estimating that the decline in sawn timber demand for Australia's sawmills will be more than 50% over the next six months."

"This is unbelievably bad news for regional Australia where the sawmills are located. There are more than 45,000 Australians employed in the sector and in many cases this job is the primary bread winner of the families. If sawmills begin to reduce production in response to plummeting demand, it will mean fewer shifts, regional job losses and a flow on downturn in spending on services in vital regional towns and States like Mt Gambier SA, Bell Bay TAS, Bunbury WA, Colac VIC, Maryborough QLD, Tumut, Tumbarumba, Oberon and Bombala NSW, where forest industries underpin the economy."

"The housing construction sector is the engine room for growth and jobs in Australia's economy, so a large recovery stimulus package focused on increasing new housing demand immediately will positively impact jobs, businesses and communities right across the nation and support broad supply chains."

"Potential measures should include increasing new homeowners' grants and other stimulus (for any new home built), bringing forward government-funded construction projects such as affordable housing commencements, and tax and land price support. The package should also include streamlining regulations to make the new house construction process simpler and reduce the time between approvals and construction to optimise the new house construction project pipeline."

Mr. Hampton said, "If local jobs are to be saved it will be important that policy makers grapple with the task of attempting to ensure that any stimulus delivered into this area flows to all those Australian businesses which are involved in all aspects of producing materials for local construction and that imports supporting overseas recoveries, do not undermine the policy intent," Mr Hampton concluded.

www.fordaq.com, 22 April



NEW ZEALAND

FOREST INDUSTRY CAN RESUME OPERATIONS IN ONE WEEK

After nearly a month of strict lockdown, forest industry businesses in New Zealand have a week to get ready to open, after the Government moved the Covid-19 alert from level 4 to level 3. Forestry companies in New Zealand have been unable to operate since the country entered into level 4 lockdown on 26 March as they were not classed as essential business.

As quoted by the New Zealand Herald, FISC National Safety Director Fiona Ewing stated that a "guidance has been developed with strong input from the industry and provided clear and detailed advice on how forestry companies could work in a way that prevents the spread of the virus". With the help of the guidance, NZ's forestry companies can resume operations safely at Covid-19 Alert Level 3 on 27 April.

"It covers all types of operations across the forestry supply chain; from planting, to harvesting, to transport and port operation. The focus is on helping forestry companies apply the key public health controls - like distancing and hygiene - in their everyday work," Ewing said.

www.fordaq.com, 20 April



CENTRAL/WEST AFRICA

TIMBER PRODUCTION RATES ARE FALLING

Business activity in Cameroon has slowed dramatically as it has in most countries in the region. The process of concession re-negotiation has been stalled as a result of uncertainty due to the pandemic, many concession areas have not been taken up so are reverting back to the government.

Producers say production rates have fallen especially for those species and specifications for the EU market where ports, especially in the southern European countries, have virtually closed to arrivals except for essential goods and food. It has been reported that stocks of timbers popular in the EU such as Sapelli are increasing.

It has also been reported that stocks of padouk sawnwood in the Netherlands are only moving very slowly. There are suggestions that some stockists have mentioned a price of Euro 610 per m3 free-on-truck, a situation never before experienced.



a) In Gabon

Timber trade activity in Gabon has slowed with Chinese mills, which cut Belli and Ovangkol for their home market, lowering their production. Production of Okoume has also slowed as expected.

Strict control is being maintained on the Kevazingo trade and the Forestry Minister has not slackened control of concession operations and has reportedly re-possessed some concessions.

Analysts report that some Kevazingo has been transported and readied for shipment but it appears that the newly created Kevazingo Task Force has demanded a halt to any further transport of Kevazingo until yet another inspection is undertaken.

While the trade in Kevazingo has slowed in Cameroon it is reported that large volumes are being shipped from Equatorial Guinea and this is pushing down FOB prices. Indian and Chinese Okoume veneer producers in the Special Economic Zone are said to be slowing log purchases despite an apparent upturn in orders from China.

Producers in Gabon are thankful for the steady demand in the Philippines which is helping their cash flow as demand in the EU has fallen.



b) EU Port Operations and Shipping

At the moment Antwerp Port is fully operational and the port authorities do not foresee any insurmountable problems. The Port of Antwerp COVID-19 Taskforce, established to monitor and adapt port operations as needed, recently held its second meeting.

The taskforce now includes Infrabel (the rail track operator) and the Federal Agency for Food Safety. The Port of Rotterdam also remains open for business, despite the far-reaching impact of the corona virus. Italian shipowner associations say vessels leaving Italian ports risk being denied berths in other countries. The associations, Confitarma and Assarmatori, reported that vessels that were berthed in Italy have been denied access to ports in Turkey, Malta, Israel, Slovenia, Albania, Cyprus, Spain, Portugal, France, the Netherlands, Tunisia, Morocco, Angola, Gabon, Equatorial Guinea, Republic of Congo, Libya, Saudi Arabia, Iraq, Brunei and the Philippines.

www.fordaq.com, 3 April



AFRICA

NEW DATE AND VENUE ANNOUNCED FOR WOODEX 2020

The WoodEX for Africa and the Deck & Flooring Expos will be held from 16 – 18 September 2020 at the TicketPro Dome in Johannesburg. The new dates and venue were announced after the expos were postponed as a result of the COVID-19 pandemic.

As already many exhibitors and visitors had committed to participate in the June event, the organisers look forward to a successful and safe gathering in September at the TicketPro Dome.

The Ticketpro Dome is a Johannesburg landmark and is a highly sought-after and very versatile venue for special events and exhibitions. Co-located with the African Construction Expo, WoodEX for Africa and the Deck & Flooring Expo will now share the definitive dome shaped exhibition space to set the scene for three full days of exhibition and networking, free workshops and live demonstrations.

WoodEX for Africa is an important event for the industry and a fantastic opportunity to network and reconnect after COVID-19. As such, they are looking forward to bringing together suppliers and buyers of equipment, tools, machinery, software and wood products in September at TicketPro Dome, to share innovative solutions.

www.fordaq.com, 8 April






Standing on Excellence

Shaping the Timber Industry of Malaysia

Spot the difference

They look similar, are made from the same type of hardwood and have similar price tags. The only difference is that one came from a rainforest and the other from a plantation.

Every year, millions of trees are felled to fulfill the demands of the timber industry. Problems arise when these trees are not replaced as fast as they are taken, causing a multitude of environmental problems.

MTIB is fully aware of the need for renewable resources. One solution is forest plantation, where trees are planted specifically for commercial purposes. Not only does it provide a steady supply of timber, it also works to the advantage of our environment.

We care about the environment as much as we care about the timber industry, which is why it is important for us to come up with solutions that benefit both – because beautiful furniture doesn't have to come with a high environmental price tag.



MTIB is committed towards enhancing the sustainable growth of the Malaysian timber industry through various initiatives and innovations.

For more information, contact:

Malaysian Timber Industry Board (MTIB)

Level 13-17, Menara PGRM, No. 8, Jalan Pudu Ulu, 56100 Cheras
Kuala Lumpur, Malaysia

Tel: +603-9282 2235 Fax: +603-9285 1477/1744

Email: info@mtib.gov.my URL: www.mtib.gov.my
facebook.com/pages/Malaysian-Timber-Industry-Board

News



OFFICIAL VISIT BY YB DEPUTY MINISTERS OF PLANTATION INDUSTRIES AND COMMODITIES TO MTIB



YB Dato' Sri Dr. Wee Jeck Seng, Deputy Minister of MPIC (centre) receiving a souvenir from Encik Mohd Kheiruddin Mohd Rani, MTIB Director-General. Also in the picture is YB Tuan Willie Mongin, Deputy Minister of MPIC (second from right).

YB Dato' Sri Dr. Wee Jeck Seng and YB Tuan Willie Mongin, Deputy Ministers of Plantation Industries and Commodities (MPIC) held an official visit to MTIB in Cheras, Kuala Lumpur on 14 April to familiarise with the current status of the development of the Malaysian timber industry as it moves forward to sustain a competitive edge for Malaysian timber markets in global economies. The delegation from MPIC were accompanied by Encik Mad Zaidi Mohd Karli, Deputy Secretary-General (Plantation and Commodities); and Encik S. Letchumanan a/l Shanmugam, Senior Secretary, Timber, Tobacco and Kenaf Development Division.

During the meeting, YB Deputy Ministers were informed of the functions of MTIB and its core business, the current status of the Malaysian

timber industry, its issues and challenges as well as a report on the current status of the operation mills approved by MTIB during the Movement Control Order (MCO). YB Deputy Ministers urged MTIB to organise special promotional events on the Forest Plantation Development Programme for small medium enterprises and cooperatives.

MTIB was also asked to strengthen the furniture designer development programme, to explore the potential of the Paulownia species as a new source of material for the Malaysian timber industry, and to prepare a comprehensive business model for the bamboo plantation development programme to help increase the monthly income of the B40 communities. 



Meeting at MTIB, Kuala Lumpur.

March 2020

Malaysia

Port Klang Authority to Waive Storage and Removal Charges for Non-Essential Goods Stuck at Port

The Port Klang Authority (PKA) will be waiving storage and removal charges for non-essential goods stuck at its port.

This follows Transport Minister, YB Datuk Dr Wee Ka Siong's earlier announcement that all non-essential goods may be removed from Port Klang, Port of Penang and Johor Port to eliminate congestion and ensure that the delivery of essential goods is unimpeded.

The Port Klang Authority hopes that importers, freight forwarders, shipping companies and transport companies will take the opportunity to ensure goods are cleared from the port in the timeframe that has been set without any delay. This measure will enable the port to avoid disruption so that the port's activity can continue as per usual.

Source: The Edge Markets

China

Ningbo-Zhoushan Port Set to Expand Box Throughput by 5.6 Million TEUs

The world's largest port in terms of cargo throughput in the past decade, Ningbo-Zhoushan, has mapped out a significant expansion to its far flung set of container terminals. The port, which handled 1.12 billion tonnes of cargo last year, a higher figure than most national port throughputs in the world, has earmarked new areas to build another 5.6 TEUs in capacity. Consistently one of the fastest growing box terminals in the world this century, the port handled 27.5 million TEUs last year. Shanghai International Port Group (SIPG), just to the north, has now bought a 5% shareholding in the port as box terminal development gets ready.

Source: Asian Shippers



Shipments of Timber and Timber Products Through Ports in Peninsular Malaysia, March 2020

Product	Port Klang		Kuantan		Pasir Gudang		Tanjung Pelepas		Penang		Total all Ports M³	% Change March 2020/ Feb 2020
	M³	% Change March 2020/ Feb 2020	M³	% Change March 2020/ Feb 2020	M³	% Change March 2020/ Feb 2020	M³	% Change March 2020/ Feb 2020	M³	% Change March 2020/ Feb 2020		
Sawntimber	60,607	-2	5,516	-33	1,002	-34	179	-33	4,931	115	72,235	-3
MDF	17,505	-19	0	-100	3,690	24	988	21	38,246	89	60,430	31
Mouldings	9,220	-19	92	-46	1,437	-14	621	-31	1,166	47	12,535	-16
Plywood	4,691	-3	0	-100	8	354	294	-23	11,977	-5	16,970	-5
Veneer	447	28	26	39	93	-25	12	-100	2,213	-40	2,778	-34
Particleboard	23,414	0	129	-35	1,976	-62	685	97	5,587	-26	31,791	-14
TOTAL	115,885	-6	5,761	-38	8,206	-29	2,778	2	64,120	36	196,751	1

Source : MTIB

Russia

St Petersburg Volume Up 2% to 9.2 Million Tonnes in First Two Months

The Port of St Petersburg posted a 2% year-on-year increase in cargo volume in 9.2 million tonnes, with container throughput down 1% to 359,000 TEUs.

According to the port authority, transshipment of oil products grew 33% to 1.7 million tonnes, dry bulk cargo fell 38% to 815,000 tonnes, general cargo increased 11% to 2.02 million tonnes. In 2019, the Port of St Petersburg posted a container throughput of 2.22 million TEUs.

Source: Asian Shippers

Europe

Asia-Europe Rates Down 4.1% to USD764 TEUs, US West Coast Fell 2.2% at USD1,500 FEUs

Spot rates for shipping containers from Asia to northern Europe in the week declined 4.1% to USD764 TEUs. Asia-Mediterranean rates edged down 1.3% at USD880 TEUs, according to the Shanghai Containerised Freight Index (SCFI).

Rates from Shanghai to US west coast fell 2.2% to USD1,500 forty foot equivalent unit (FEUs) while China-US east coast slid 1.0% to USD2,800 FEUs.

Source: Asian Shippers

United States

Port Houston Posts Cargo Volume Results for February 2020

Container activity at Port Houston climbed 29% in February compared to the same period last year, while blank sailings in the month of March caused by a combination of the Lunar New Year and effects of the COVID-19 pandemic expect to impact volume in March and the months ahead at the US 6th largest container port.

In February, 255,000 TEUs were handled, compared to 198,000 for the same period last year. For the year through February, containers are up 27%, with a total of 524,000 TEUs recorded during the first two months, compared with 413,000 TEUs for the same period in 2019. The jump in container units follows a record-setting year in 2019, when Port Houston saw an increase of 11% for the entire year. It was the eighteenth consecutive year of container growth at Port Houston.

Source: PortNews

United States

Port of Los Angeles Container Volumes Down 22.9% to 544,000 TEUs in February 2020

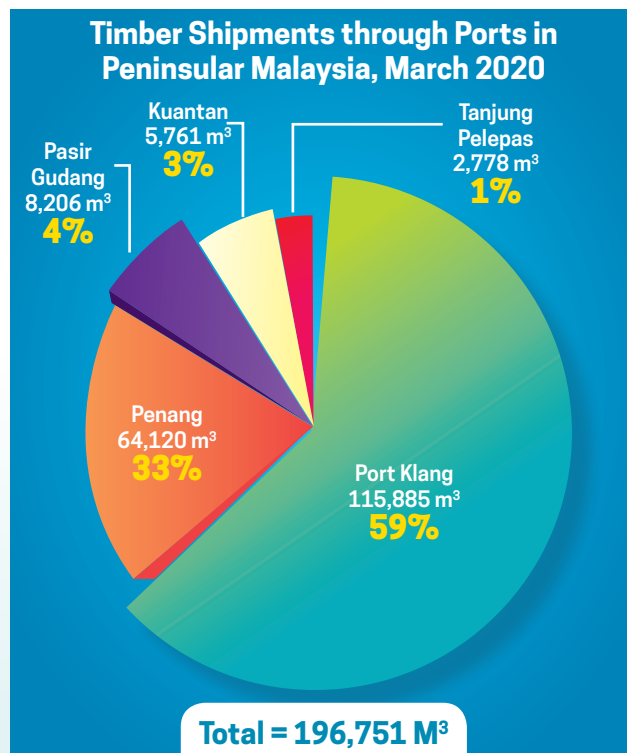
The Port of Los Angeles moved 544,000 TEUs in February, a 22.9% decrease compared to last year.

While cargo volumes are important, the coronavirus is first and foremost a public health crisis that needs to be brought under control with the collaboration of governments and medical experts from around the world.

February imports decreased 22.5% to 270,000 TEUs compared to the previous year. Exports decreased 5.7% to 134,000 TEUs. Empty containers declined 35% to 140,000 TEUs. In total, February volumes also adversely impacted by the Lunar New Year holiday celebrated in Asia, totalled 544,000 TEUs. For the first two months of 2020, total container volumes are 1.4 million TEUs, down 13% compared to last year.

The Port of Los Angeles is America's premier port and has a strong commitment to developing innovative, strategic and sustainable operations that benefit Southern California's economy and quality of life. North America's leading seaport by container volume and cargo value, the Port of Los Angeles facilitated USD276 billion in trade during 2019.

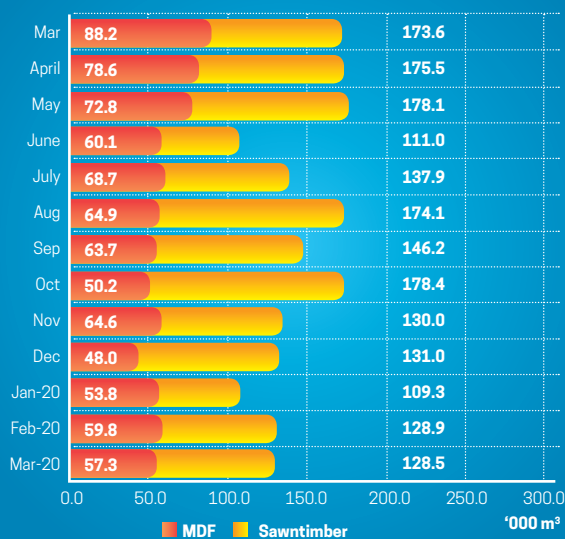
Source: PortNews



March 2020

Total export of Malaysian timber and timber products in March 2020 decreased 19% to RM1.6 billion from the previous month. Meanwhile, cumulative exports for the first quarter of 2020 increased 3% to RM5.5 billion against RM5.3 billion over the previous corresponding period.

Malaysia: Export of Sawntimber and MDF
March 2019 - March 2020 (RM million)



SAWNTIMBER

Total export of sawntimber in March 2020 have slightly decreased both in volume at 128,487 m³ and in value at RM231.8 million as compared to the previous month. Cumulative exports for the period of January to March 2020 decreased 18% in volume and 22% in value to 366,693 m³ totalling RM670.0 million over the previous corresponding period.

Exports of sawntimber to the EU for the month decreased 15% to 7,373 m³ over the previous month as a result of lower demand from major countries in the region. The Netherlands as the main buyer increased its intake by 4% to 3,097 m³ from 2,973 m³ in the previous month. Meanwhile, exports to Germany decreased 60% to 618 m³ from 1,534 m³ recorded in the previous month followed by France with 38% to 519 m³ and Belgium with 11% to 1,035 m³. Exports to Italy increased by 55% to 428 m³ from 277 m³ recorded in the previous month.

Total export to West Asia increased 32% to 37,573 m³ from 28,528 m³ recorded in the previous month. Yemen as the main buyer from West Asia decreased purchase by 5% to 16,063 m³ from 16,917 m³ recorded in the previous month. Exports to the UAE increased significantly to 8,875 m³ from only 3,321 m³ recorded in the previous month followed with Oman to 5,282 m³ from 2,424 m³. Exports to Qatar increased by 65% to 1,400 m³ from 851 m³ followed by Saudi Arabia with 41% to 2,290 m³ from 1,622 m³ recorded in the previous month. Meanwhile, exports to Bahrain decreased by 40% to 1,013 m³ from 1,698 m³ recorded in the previous month.

Buying from ASEAN decreased by 7% to 35,755 m³ from 38,400 m³ registered in the previous month. Thailand as the main buyer in ASEAN decreased its intake of sawntimber by 16% to 14,658 m³ from 17,356 m³ recorded in the previous month. Exports to Viet Nam decreased by 19% to 1,117 m³ from 1,374 m³ recorded in the previous month. Meanwhile, exports to Indonesia increased significantly to 179 m³ from only 18 m³ in the previous month. Exports to Singapore increased slightly to 7,088 m³ from 6,927 m³ recorded in the previous month.

Shipments to East Asia decreased slightly to 23,052 m³ from 23,643 m³ in the previous month. China as the main buyer increased purchase by 17% to 10,690 m³ from 9,179 m³ recorded in the previous month. Similarly, exports to Hong Kong also increased by 35% to 219 m³ from 162 m³ in the previous month. At the same time, exports to South Korea decreased by 45% to 1,799 m³ followed by Japan 13% to 3,200 m³ and Taiwan 3% to 7,144 m³ respectively compared to the previous month.

Elsewhere, exports to the US increased 23% to 1,327 m³ whilst intake by Australia decreased 23% to 477 m³. Demand from South Africa decreased 37% to 1,725 m³ from 2,728 m³ in the previous month.

The average FOB price of sawntimber decreased slightly to 1,804 per m³ from 1,821 per m³ in the previous month. Meanwhile, the price of Dark Red Meranti to the Netherlands increased slightly to 3,234 per m³ from 3,227 per m³ in the previous month. Keruing was traded at 2,242 per m³, a decrease of 4% from 2,335 per m³ in the previous month.

MEDIUM DENSITY FIBREBOARD (MDF)

Exports of MDF in March 2020 decreased both in volume and value by 4% and 6% to 57,310 m³ valued at RM74.6 million compared to the previous month. Similarly, cumulative exports for first quarter of 2020 recorded a decrease in volume by 30% to 170,880 m³ and in value by 22% worth RM225.2 million over the previous corresponding period.

In ASEAN, total export decreased by 3% to 6,801 m³ from 6,988 m³ in the previous month. Exports to Singapore and Viet Nam reduced by 80% to 60 m³ and 50% to 698 m³ respectively. However, exports to Indonesia and the Philippines increased by 24% to 2,714 m³ and by 10% to 3,216 m³ respectively.

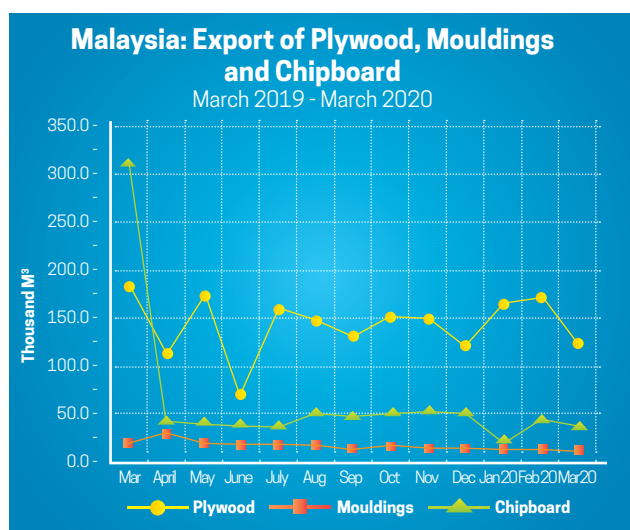
Exports to East Asian countries also registered a decrease by 7% to 13,471 m³ from 14,496 m³ in the previous month. Japan as the major importer of MDF decreased its intake by 9% to 12,614 m³. Taiwan also decreased its buying by 27% to 375 m³. However, China, including Hong Kong, and South Korea increased their intake to 197 m³ and 252 m³ respectively. Moving to the South Asian region, India as the major buyer decreased its intake by 33% to 3,087 m³, followed by Pakistan by 22% to 2,914 m³ and Bangladesh 66% to 262 m³. However, Sri Lanka increased its buying by 17% to 1,668 m³.

Moving to West Asian region, exports increased by 26% to 21,069 m³ from 16,671 m³ in the previous month.

Saudi Arabia and Qatar increased intake to 2,698 m³ and 846 m³ respectively. However, the UAE reduced its buying by 2% to 7,780 m³, followed by Kuwait with 9% to 2,759 m³, Oman 63% to 1,142 m³, Jordan 21% to 503 m³ and Bahrain 56% to 149 m³. Meanwhile, Iran, Lebanon and Syria did not make any purchase for this month.

Elsewhere, exports to the US and Australia decreased by 12% to 2,496 m³ and 37% to 2,048 m³ respectively. South Africa and Mauritius also decreased intake by 77% to 209 m³ and 50% to 86 m³ respectively. Contrarily, the UK increased its import of MDF to 398 m³ for this month.

The FOB price of MDF decreased by 2% to RM1,302 per m³ from RM1,325 per m³ from the previous month.



PLYWOOD

Exports of plywood in March 2020 both decreased in volume and value by 23% and 21% to 133,259 m³ totalling at RM248 million compared to the previous month. Similarly, cumulative exports for first quarter 2020 showed a decrease in volume by 6% to 468,029 m³ and in value by 15% worth RM858.5 million over the previous corresponding period.

Total export of plywood to the EU decreased by 43% to 5,477 m³ for this month. The UK as the main buyer decreased its import volume by 48% to 4,618 m³ followed by the Netherlands with 86 m³ and Belgium 42 m³. Meanwhile, France increased its intake to 76 m³, Denmark 473 m³ and Ireland 182 m³. Germany and Italy did not make any purchase this month.

Exports to ASEAN and the East Asia region recorded a decrease of 16% to 91,163 m³ compared to the previous month. In the East Asia region, Japan as the main importer of Malaysian plywood decreased its intake by 25% to 56,203 m³. Contrarily, South Korea increased its buying by 23% to 15,141 m³, followed by Taiwan with 3% to 12,166 m³, Hong Kong 42% to 1,081 m³ and China 142% to 641 m³. Meanwhile, Malaysia's plywood trade with its ASEAN partners showed a negative trend for this month. Thailand decreased its intake by 6% to 2,816 m³, followed by the Philippines with 23% to 1,154 m³, Singapore 15% to 1,202 m³ and Brunei Darussalam 62% to 530 m³. Indonesia did not make any purchase this month.

Although exports to the West Asian region recorded a decrease of 23% to 22,446 m³, most buyers in the region increased their buying; Yemen increased its intake by 6% to 17,546 m³ followed by Saudi Arabia 31% to 947 m³ and Qatar 45% to 439 m³. Kuwait and Bahrain also increased intake to 240 m³ and 613 m³ respectively. However, exports to the UAE reduced by 31% to 1,400 m³.

Exports of plywood to the Americas region decreased by 13% to 19,205 m³ as compared to the previous month. Our main buyer in the Americas region, the US decreased intake of plywood by 68% to 6,630 m³ from 20,472 m³ last month. Similarly, exports to Canada reduced by 44% to 43 m³ whilst Mexico increased its buying by 43% to 2,295 m³. Moving to the Oceania region, both Australia and New Zealand reduced intake by 12% to 2,627 m³ and by 89% to 21 m³ respectively. Meanwhile, in the African region, Morocco, South Africa and Mauritius increased intake to 154 m³, 171 m³ and 86 m³ respectively.

The FOB price of plywood increased by 1% to RM1,861 per m³ from RM1,852 per m³ in the previous month.

MOULDINGS

Exports of mouldings for the month decreased by 16% in volume and 12% in value to 14,522 m³ and RM57.2 million, respectively. However, cumulative exports for the period of January to March 2020 decreased by 14% in volume and 17% in value to 48,750 m³ and RM186.8 million respectively as compared to the previous corresponding period in 2019.

Exports to the EU for the month were recorded at 6,709 m³, a decrease of 0.2% compared to the previous month. Belgium and Germany decreased their purchases by 43%, and 35% to 381 m³ and 565 m³, respectively. However, the UK and Netherlands increased purchases by 29% and 14% to 421 m³ and 4,263 m³ compared to the previous month. Meanwhile, Italy resumed its purchases to 139 m³.

Exports to ASEAN region decreased as Singapore and Viet Nam decreased purchases by 43% and 30% to 400 m³ and 444 m³, respectively. Indonesia did not make any purchase for the month.

Meanwhile, China, Taiwan, Japan and South Korea decreased intakes by 43%, 32%, 31% and 29% to 147 m³, 56 m³, 948 m³ and 830 m³ respectively. However, Hong Kong increase purchase by 23% to 232 m³ compared to the previous month. Elsewhere, exports to Australia and Canada decreased by 46% and 4% to 1,642 m³ and 75 m³ respectively. Meanwhile, the US increased its intake by 8% to 1,879 m³ compared to the previous month.

FOB unit value increased 6% to RM³,938 per m³ compared to RM3,734 per m³ in the previous month.

March 2020

LOGS

The average domestic prices of logs for most of the species for the month under review remained at last month's level during movement control order

Log prices for the species of Chengal and Balau stood firm at RM5,040 per tonne and RM3,500 per tonne. The prices for Keruing and Kempas remained at RM1,500 per tonne and RM1,800 per tonne respectively. Similarly, the prices for Dark Red Meranti and Red Meranti remained at RM1,900 per tonne and RM1,830 per tonne. On the other hand, logs prices of Mixed Heavy Hardwood and Mixed Light Hardwood stood firm at RM1,150 per tonne and RM1,050 per tonne respectively.

MEDIUM DENSITY FIBREBOARD (MDF)

Domestic supply of MDF remained stable as prices continued to chart at last month's level. MDF of 4 mm, 6 mm, 9 mm and 12 mm of thicknesses were traded at RM12.80, RM16.30, RM22.00 and RM28.60 per piece respectively.

SAWNTIMBER

The average sawntimber prices for most of the species in the domestic market continued to be firm.

The sawntimber prices of Chengal and Balau stood firm at RM7,415 per m³ and RM3,453 per m³ respectively. Similarly, the prices of Keruing stood firm at RM1,250 per m³ and RM2,436 per m³. The prices for Dark Red Meranti and Red Meranti remained at RM2,036 per m³ and RM2,013 per m³ respectively. On the other hand, sawntimber prices of Mixed Heavy Hardwood and Mixed Light Hardwood remained at RM1,010 per m³ and RM953 per m³ for this month.

PLYWOOD

The supply of plywood to the domestic market remained adequate for the month under review. Plywood of 4 mm, 6 mm, 9 mm and 12 mm of thicknesses were continued to be traded at RM14.60, RM22.00, RM38.00 and RM48.00 per piece respectively.

INTRA-MALAYSIA TRADE * - MARCH 2020

The shipments of logs from Sabah to Peninsular Malaysia for the month fell by 24% in volume to 1,764 m³ worth at RM582,000. Trade of sawntimber in volume 40 m³ worth at RM132,000. Trade of plywood fell by 20% in volume from 2,192 m³ to 1,764 m³ worth at RM3.1 million. Meanwhile, trade of veneer in volume 32 m³ worth at RM44,000.

Trade of sawntimber from Sarawak to Peninsular Malaysia increased by 88% in volume from 564 m³ to 1,059 m³ worth at RM2 million. Meanwhile, trade of plywood fell by 25% in volume from 2,306 m³ to 1,739 m³ worth at RM2.8 million.

No intra trade from Peninsular Malaysia to Sabah and Sarawak was recorded in March 2020.

*AVERAGE DOMESTIC PRICES OF LOGS, SAWNTIMBER, PLYWOOD AND MDF IN PENINSULAR MALAYSIA, MARCH 2020 (RINGGIT MALAYSIA)

SPECIES	LOGS/tonne	SAWNTIMBER/m³		
	18" UP	GMS	STRIPS	SCANTLINGS/m³
HEAVY HARDWOOD				
Cengal	5,040	7,415	5,791	8,121
Balau	3,500	3,453	3,178	3,213
Red Balau	2,300	3,143	2,719	3,390
Merbau	3,580	4,696	3,927	4,096
Mixed Heavy Hardwood	1,150	1,010	869	1,130
MEDIUM HARDWOOD				
Keruing	1,500	1,250	1,215	2,203
Kempas	1,800	2,436	2,260	2,684
Kapur	1,680	1,751	1,412	1,746
Mengkulang	1,300	2,119	1,419	2,154
Tualang	1,450	2,472	2,331	2,493
LIGHT HARDWOOD				
Dark Red Meranti	1,900	2,036	1,695	2,825
Red Meranti	1,830	2,013	1,645	2,133
Yellow Meranti	1,250	1,554	1,236	1,271
White Meranti	1,480	2,472	1,306	2,528
Mersawa	1,700	1,801	1,660	2,013
Nyato	1,250	1,624	1,342	1,518
Sepetir	1,370	1,706	1,095	1,751
Jelutong	1,110	1,815	1,215	1,871
Mixed Light Hardwood	1,050	953	812	989
MALAYSIAN RUBBERWOOD				
Hevea brasiliensis	180	1" X 1"	2" X 2"	3" X 3"
		1,165	1,206	1,427
PLYWOOD 4' X 8'	4 mm	6 mm	9 mm	12 mm
	(RM per piece)	14.60	22.00	38.00
PLYWOOD 4' X 8'	4 mm	6mm	9 mm	12 mm
	(RM per piece)	12.80	16.30	22.00

Note: Log prices ex-batau. Sawn timber, plywood, MDF and Malaysian Rubberwood (Hevea brasiliensis) prices ex-mill

* Prices are only indicative

INTRA-MALAYSIA TRADE - MARCH 2020

From	Product	Feb 2020		March 2020		% Change in volume	% Change in value
		Vol (m³)	Val (RM'000)	Vol (m³)	Val (RM'000)	March 2020/Feb 2020	March 2020/Feb 2020
SABAH	Logs	2,310	776	1,764	582	-24	-25
	Sawntimber	0	0	40	132	100	100
	Plywood	2,192	3,925	1,764	3,114	-20	-21
	Veneer	0	0	32	44	100	100
SARAWAK	Logs	0	0	0	0	0	0
	Sawntimber	564	713	1,059	2,017	88	183
	Plywood	2,306	2,673	1,739	1,847	-25	-31
	Veneer	2,652	3,522	0	0	-100	-100

Source: Malaysian Timber Industry Board (MTIB) and Department of Statistics, Malaysia

Cont. from page 13

VENEER

Export of veneer for March 2020 increased by 42% in volume and 29% in value to 8,129 m³ at RM12.7 million as compared to the previous month. Taiwan as the main buyer increased intake to 3,201 m³ from only 1,053 m³ in the previous month. Exports to Italy also increased to 54 m³ from 28 m³ recorded in the previous month followed by South Korea with 36% to 1,487 m³ and the Philippines with 13% to 1,091 m³.

Meanwhile, Australia decreased its intake by 82% to 53 m³ from 290 m³ in the previous month. China also decreased intake of veneer by 22% to 952 m³ compared to 1,226 m³ from the previous month followed by India with 6% to 452 m³. Singapore, the US and Viet Nam did not make any purchase this month.

The FOB price of veneer for March 2020 was at RM1,558 per m³, a decrease of 9% from RM1,718 per m³ in the previous month.

BUILDERS JOINERY AND CARPENTRY (BJC)

Total BJC cumulative exports for the period of January to March 2020 increased 0.2% to RM233.9 million as compared to RM233.5 million in the corresponding period last year. Exports to the EU increased 6% to RM80.2 million. Exports to Sweden, Italy, Belgium and the UK increased by 67%, 58%, 40% and 13% to RM5.0 million, RM2.0 million, RM14.1 million and RM34.6 million, respectively. However, exports to the Netherlands, Denmark, France and Germany decreased by 51%, 29%, 26% and 22% to RM4.0 million, RM4.4 million, RM5.2 million and RM4.7 million, respectively. Turkey did not make any purchase.

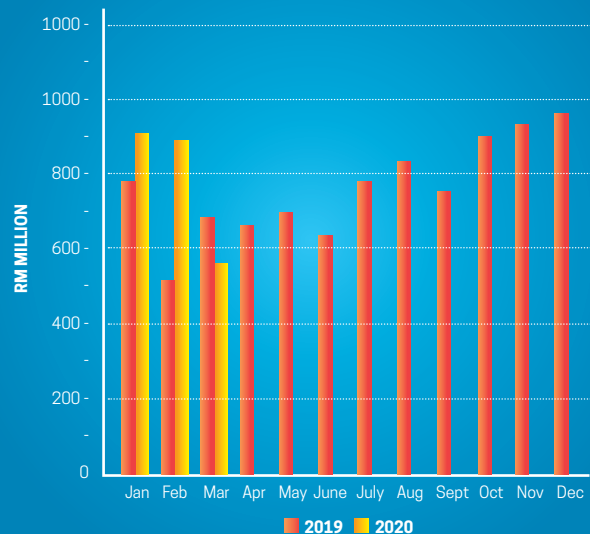
In Asia, exports to South Korea, Thailand and India increased by 138%, 16% and 28% to RM1.3 million, RM5.2 million and RM11.9 million, respectively. However, exports to the UAE, Saudi Arabia, Viet Nam, Singapore, Japan and Taiwan decreased by 85%, 82%, 64%, 28%, 26% and 22% to RM300.7 thousand, RM129.1 thousand, RM1.8 million, RM11.8 million, RM11.5 million and RM1.8 million respectively. Qatar and Kuwait did not make any purchase.

Exports to Mauritius, New Zealand and the US increased by 84%, 40% and 38% to RM357.6 thousand, RM2.2 million and RM41.4 million, respectively. On the other hand, exports to South Africa and Australia decreased by 45% and 9% to RM2.8 million and RM46.6 million compared to the previous month. Maldives did not make any purchase.

FURNITURE

Exports of wooden and rattan furniture for the first quarter of 2020 increased 19% to RM2.4 billion from RM1.98 billion in the previous corresponding period.

Malaysia: Export of Wooden Furniture
March 2019 - March 2020 (RM million)



Imports of wooden furniture by the US increased 64% to RM1.3 billion from RM804.2 million in 2019. However, demand from Canada declined 2% to RM73.0 million followed by Chile 42% to RM14.5 million and Australia 13% to RM104.1 million. Similarly, in Europe, shipment to the UK decreased by 8% to RM114.0 million followed by France with 18% to RM11.4 million, Germany 17% to RM13.6 million, Poland 40% to RM7.3 million and the Netherlands 20% to RM6.9 million. Purchases by Russia declined by 24% to RM³.9 million from RM5.2 million in 2019.

In Asia, exports to Japan decreased by 13% to RM138.7 million followed by China with 34% to RM27.8 million. Meanwhile, South Korea and India increased their consumption by 25% to RM27.4 million and 22% to RM49.0 million, respectively. Exports to Saudi Arabia increased marginally to RM48.6 million whilst exports to the UAE declined 8% to RM³.3 million.

In the ASEAN region, exports to Singapore decreased 26% to RM77.5 million followed by the Philippines with 21% to RM³ 8.5 million compared to the previous corresponding period. Elsewhere, exports to Saudi Arabia increased marginally to RM48.6 million whilst exports to the UAE declined 8% to RM³ 3.3 million. Similarly, exports to Kuwait declined 40% to RM8.9 million followed by Oman with 57% to RM³.9 million and Qatar 7% to RM2.0 million.

Rattan furniture shipments for the first quarter of 2020 decreased 6% to RM380.9 thousand from RM406.4 thousand in the previous corresponding period. Exports registered only for Australia with RM127.5 thousand followed by the US with RM2.4 thousand, Singapore with RM120.0 thousand, the Netherlands RM6.1 thousand, Poland RM³.2.6 thousand, Viet Nam with RM6.9 thousand and Turkey with RM85.4 thousand.

News

FURNITURE MARKET IN JAPAN

According to the industry statistics issued by the Ministry of Economic, Trade and Industry Japan, furniture imports into Japan currently recorded an increase of 8% amounting to JPY1.3 trillion (USD12.03 billion) as compared with the market five years ago. Despite the on-going COVID-19 pandemic situation, the market is expected to grow at a stronger rate with higher market demand.

Market Trend

In the recent years, the Japanese furniture market experienced some dramatic changes due to a number of distinctive trends. Firstly, the market witnessed a general shift from life stage-driven bulk purchases to lifestyle-driven single purchase demand. This is largely driven by a decline in new housing projects causing furniture purchases in large quantity to decrease.

According to the latest data from the Ministry of Land, Infrastructure and Tourism, Japan's housing decreased 7.9% year-on-year in December 2019. With the following changes in culture and lifestyle, single purchases is growing in Japan.

Offers of diverse product lines at brick and mortar stores are also declining due to the widespread usage of the Internet that enables product search over the website. Buyers will do online research and some proceed to purchase from physical stores. Due to this, key industry players such as IKEA and Nitori are both investing massively in boosting online marketing. Customers also tend to shift their focus from products to services and from the quantity to the quality purchases. In order to meet a variety of changing individual needs, distributors are enhancing their value to consumers and differentiating themselves by providing professional consultations.

		VALUE (USD Mil)			% SHARE			% CHANGE
	COUNTRY	2017	2018	2019	2017	2018	2019	2019/2018
	TOTAL	2,563.16	2,655.60	2,763.89	100	100	100	3.69
1	China	1,144.81	1,216.02	1,269.51	44.66	45.62	45.93	4.40
2	Viet Nam	439.48	461.14	489.23	17.15	17.30	17.70	6.09
3	Taiwan	175.19	177.22	182.00	6.83	6.65	6.58	2.70
4	Malaysia	180.59	175.89	180.41	7.05	6.60	6.53	2.57
5	Indonesia	135.96	126.04	130.04	5.30	4.73	4.70	3.18

In the last few years, the market share of imported furniture in Japan has risen significantly. Among the imported furniture, wooden furniture occupied the largest share, followed by furniture accessories, metal furniture and plastic furniture. China continues to be a major source of furniture imports with a share of 45.9%. Malaysia is ranked 4th, with a total share of 6.5%, mostly from wooden furniture. Some of them are shipped semi-finished for painting and assembly by Japanese importers.

The Way Forward

Even though China became the preferred destination for relocating furniture production, the rising wages and labor dispute issues have caused many Japanese companies to seek for an alternative product

sourcing. Other Asian countries such as Viet Nam, Indonesia and Philippines are making their presence felt in the Japanese market.

Malaysian furniture suppliers are therefore advised to optimise product lines by closely examining and analysing market trends. With less travelling and no available business showcases or related exhibitions for the next coming months due to the on-going pandemic, Malaysian companies can take advantage of available digital platforms to promote their latest designs and product ranges.

For further information and enquiries, please contact MATRADE Japan at tokyo@matrade.gov.my and osaka@matrade.gov.my.

Note : Article was contributed by MATRADE.

News

KWM CRAFT - A WOOD CRAFTING ONE STOP CENTRE

Background of the Company

It all started in 2014, when Tuan Hj. Muhammad Isa Hj. Saad, an ex-firefighter superintendent and an ex fire equipment trader made a turning point in his career by setting up a company called Kayu Warisan Malaysia or as its globally known, KWM Craft. Since then, there has been no turning back for this Bumiputera company owner. He started his company at the age of 50 by producing rosary beads (*tasbeih*) and walking sticks made from wood at his home office for two years. Later, he extended his business and built a workshop as his office on his two-acre land in Dengkil, Selangor. Initially he worked by himself, but as the company expanded, Tuan Hj. Muhammad Isa engaged a group of professionals from various industrial and corporate backgrounds, including three of his five children, to manage KWM Craft.



Partition



Partition

KWM Craft is a wood-based manufacturing company which specialises in producing mosque furniture namely *mimbar* and *mihrab*. Besides that, the company also manufactures a range of furniture made of solid wood such as tables, chairs, partitions and movie props. Timber used for producing these products are mostly Rubberwood, Merbau, Chengal, Balau and Teak. The company also makes high quality customised carved furniture and various types of souvenirs such as carved items using laser cut technology; parang (a Malay traditional knife), pen and wooden jewellery boxes – which are sold at affordable prices. In addition to its services, the company also, offers interior design services for cabinets and various furniture.



Children's bed

To promote and introduce Malaysia's traditional wood heritage to the world, Tuan Hj. Muhammad Isa has set up an art gallery near his office for both local and international customers, which include tourists, especially from China. The three-year old gallery is opened on Monday to Friday from 9.00 am to 5.30 pm, and by appointment on Saturday and Sunday.

Company Achievements

Tuan Hj. Muhammad Isa strongly believes that the combination of professional expertise and hands-

on experience, will lead the company to contribute more towards the human capital development of in the nation. Thus, KWM Craft offers industrial training namely a marketing and digital communication course, wood-based product manufacturing courses and also entrepreneurship courses which includes hands-on courses for those who are interested in learning and enhancing their carving and furniture-making skills. Since its establishment seven years ago, KWM Crafts has been entrusted by several Malaysian government agencies to provide training for trainers and students. To date, about 500 students from higher education institutions such as Institut Kraf Negara and Institut Keusahawanan Negara, have completed their training in various courses at KWM Craft.



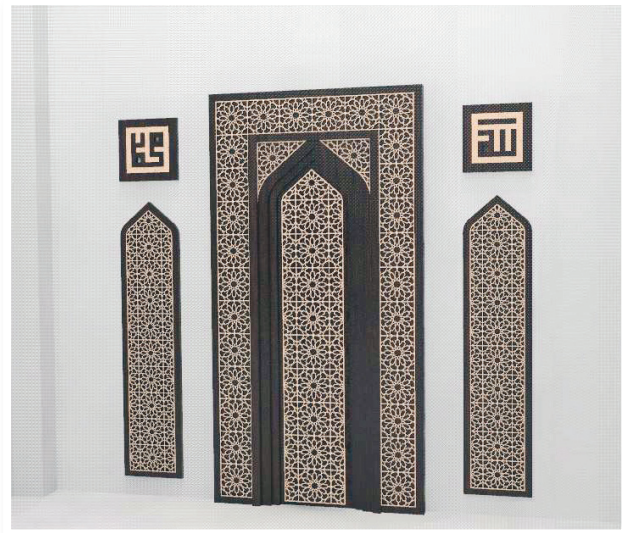
Wooden pen and casing.

KWM Craft is also one of the participants in MTIB's capacity productivity enhancement programme under the 11th Malaysia Plan which is projected to assist Bumiputera entrepreneurs in the timber industry in the form of machinery support as to enable the company to increase its production and sales. Following the accession of the machine, sales of the company has been boosted to an average of RM1 million annually.

This forward-looking company was awarded a four-star rating for their achievements in wood-based manufacturing sector by SME Corporation

Malaysia under the SME Competitiveness Rating for Enhancement (Manufacturing and MRS). KWM Crafts has also set up a website to promote and market its products. Some of KWM Crafts's products such as rehal, partitions and carving souvenir items are listed under Shopee, an online shopping medium. For those who are interested to know more about KWM Craft's products, please contact:-

KWM Craft
Lot 13789, Jalan Selangor Dredging,
Kg. Selangor Dredging,
43800 Dengkil,
SELANGOR
E-mail : kwmcraft28@gmail.com
Tel. No : 03-87600622



Mihrab



Mimbar



Rostrum

Malaysian Wood
Standing on Excellence



Multiple Uses, Variable Styles

Incomparable
Malaysian Wood.
Choice for those
with exclusive
preference.
Pushing the
Frontier of
imagination and
creativity.
Our Heritage.
Our Pride.



Malaysian Timber Industry Board

Level 13-17, Menara PGRM No.8, Jalan Pudu Ulu, Cheras P.O. BOX 10887, 50728 KUALA LUMPUR
Tel : 603 - 9282 2235 , Fax : 603 - 9285 1477 / 9200 3769, E-mail : info@mtib.gov.my, Website : www.mtib.gov.my

TIMBER VERIFICATION SERVICES

Timber has always been a preferred material in homes and other buildings as it creates warmth and coziness, and also highlighting elegance. While it is widely used in developed countries, Malaysian consumers tend to avoid timber based on perceived quality and maintenance problems.

Defects such as splitting, delamination, decay and insect attacks can be easily avoided if the right quality and correct specification of timber is selected and used from the outset.

The Malaysian Timber Industry Board (MTIB) offers timber verification services that can assist you to ensure the timber you choose is of the right quality and correct specification for its intended usage and application. The services include timber grading, identification of species, determination of moisture content, determination of preservatives and other services.

You can be rest assured that your products meet quality standards and hence extend the lifespan with minimal maintenance cost if it is verified to specification.



Checking moisture content

Services

1. Timber Grading
2. Identification of Species
3. Determination of Moisture Content
4. Determination of Preservative

For more information and enquiries:



MTIB

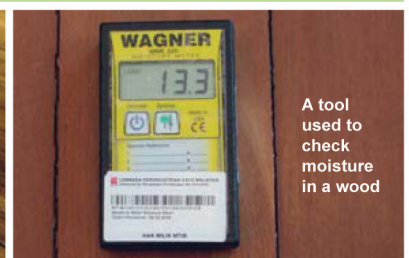
Malaysian Timber Industry Board

Level 13-17, Menara PGRM,
No.8, Jalan Pudu Ulu, Cheras,
P.O.Box 10887, 50728
Kuala Lumpur,
Malaysia.
www.mtib.gov.my

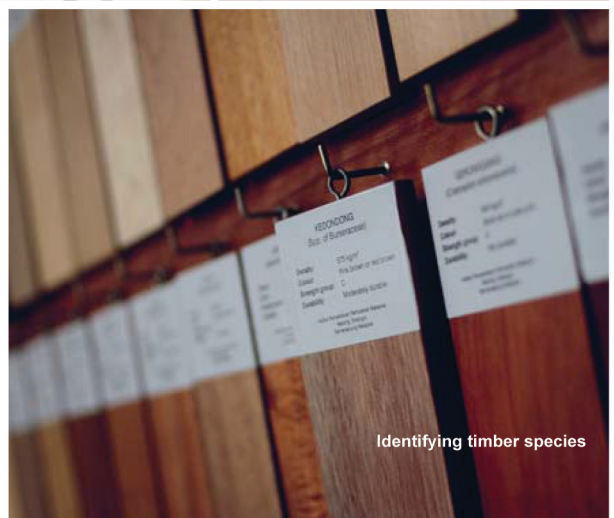
Tel : +603 9282 2235
Fax : +603 9200 3769
Email : verifikasi@mtib.gov.my



Thickness
checking
on cracked
timber



A tool
used to
check
moisture
in a wood



Identifying timber species



UPCOMING EVENTS

SEPTEMBER - OCTOBER 2020

	EVENTS	VENUE	ORGANISER DETAILS
SEPT 2-5	Internationale Holzmesse and HOLZ & BAU 2020 International trade fair for forestry & sawmill industry, joinery, carpentry, wood processing and for the supplying industry & trade.	Hall 1 – Carinthia Hall Klagenfurt, Austria.	Klagenfurter Messe Betriebsgesellschaft mbH Messeplatz 1, A-9020 Klagenfurt am Wörthersee Tel : +43 463 56800-0 E-mail: office@kaerntnermessen.at
7-10	WMF 2020 International Wood and Wood Machinery Show	National Exhibition and Convention Centre Shanghai, China	Adsale Exhibition Services Ltd. Hong Kong (HQ): 6/F, 321 Java Road, North Point, Hong Kong Tel : (852) 2516 3518 Fax : +(852) 2516 5024 E-mail: wood@adsale.com.hk
7-9	Wood Show Dubai 2020 International Wood and Wood Machinery Show	Dubai World Trade Centre Dubai, United Arab Emirates	Strategic Marketing & Exhibitions P.O. Box 10161, Office #908 Apricot Tower, Silicon Oasis Dubai, United Arab Emirates Tel : +971 4 3923232 Fax : +971 4 3923332 E-mail: info@dubaiwoodshow.com
8-12	FC. Furniture China 2020 China International Furniture Exhibition	Shanghai New International Expo Centre (SNIEC) No. 2345 Longyang Road, Pudong, Shanghai	Shanghai Sinoexpo Informa Markets International Exhibition Co. Ltd. Tel : +86 21 6431178 Fax : +86 21 64370982 E-mail: furniture@imsinoexpo.com
16-20	LIGNUM EXPO – FOREST 2020 22 nd International Fair for Machine, Tools, Equipment and Materials for Wood Processing Industry – Forest – 18 th International Forestry Exhibition	Agrokomplex Nitra Nitra, Slovakia	Agrokomplex Narodne Vystavisko, Statny Podnik Tel : +421 37 6572 400 E-mail: borsuk@agrokomplex.sk

	EVENTS	VENUE	ORGANISER DETAILS
23-26	IFMAC and WOODMAC 2020 International Furniture Manufacturing Components and Woodworking Machinery Exhibition	JIEXPO Kemaroyan Jakarta, Indonesia	PT. Wahana Kemalaniaga Makmur Komp. Perkantoran Graha Kencana Blok CH-CI Jl. Raya Perjuangan No. 88 Jakarta 11530, Indonesia Tel : +62 21 5366 0804 Fax : +62 215325890/887 E-mail: ifmac@wakeni.com
30 SEPT - 3 OCT	WARSAW Home Expo 2020 Furniture and decoration industry event divided into: Furniture, Deco, Designers, Luxury and Smart Home.	Warsaw Expo Warsaw, Poland	Warsaw Home Expo Sp. Z o.o Al. Katowicka 62, Hala F 05830 Nadarzyn Tel : +48 780058077 E-mail: info@warsawhome.eu
OCT 10-14	WOODTECH 2020 International Wood Processing Machines Cutting Tools and Hand Tools Fair	Tuyap Istanbul Fair and Congress Centre Istanbul, Turkey	Reed Tuyap Fairs and Exhibition Organisation Inc. Tel : +90 212 867 11 31 Fax : + 90 212 886 67 48 E-mail: info@reedtuyap.com.tr
22-23	EASTERN CANADA's Woodworking Machinery & Supply Show 2020 Show for the cabinet and furniture industry, featuring latest in woodworking machinery, tools, coatings, hardware, software, cabinet, components, board products and more	BMO Centre Espace Saint-Hyacinthe 2730 Avenue Beauparlant Saint-Hyacinthe, QC J2S 4M8 Montreal, Canada	Master Promotions Ltd. 48 Broad Street, Saint John, NB E2L 1Y5 Tel : 1-888-454-7469 E-mail: kstilwell@mpltd.ca
28-31	MOROCCO Woodtech 2020 Morocco International Wood Processing and Technologies Fair	OFEC Casablanca, Morocco.	Pyramids Group Kucukbakkalkoy Mah. Kocasinan Cad. Gumrukcu Sok. No. 8 34750 Istanbul, Turkey Tel: +90 216 575 2828 E-mail: filiz.karakul@pyramidsfair.com



Resak Vatica spp.

Malaysian Wood
Standing on Excellence

Tak Lapuk Dek Hujan, Tak Lekang Dek Panas
Timeless, Enduring



NATIONAL CERTIFICATION SCHEME FOR PLYWOOD

The Product Certification Scheme for plywood is operated by the MTIB Certification Body (MTIB CB) which started in 2012. The scheme is essentially voluntary in nature, which determines conformity with product standards through initial testing and assessment of a Factory Quality Management System. It is followed by Surveillance that takes into account the Factory Quality Management System and the testing samples.

**Products Certification -
Towards Widen Market
Access and Trade
Facilitation**

We committed:

- To provide services to our customers consistently, efficiently and professionally
- To conform customers' needs and to all product certification requirements



Further enquiries or information kindly contact:

Product Certification Unit

Director-General Office

Malaysian Timber Industry Board

Level 13-17, Menara PGRM, No.8, Jalan Pudu Ulu, Cheras

P.O Box 10887, 50728 Kuala Lumpur

Tel: 603-9282 2235

Fax: 603-92003769/ 92846214

website: www.mtib.gov.my



MS ISO/IEC 17065:2012
PC 03042012 CB/06

SOUTH AFRICA-

TIMBER INDUSTRY PLANS FOR A POSITIVE FUTURE



Overview

The Republic of South Africa is a constitutional parliamentary democracy of many years standing, which was dramatically transformed in 1994 when the previous Apartheid system of racist segregation was formally abolished. Situated at the southernmost end of the African continent, South Africa measures 1.2 million square kilometers. Bordered by Namibia, Botswana and Zimbabwe to the north and Mozambique to the northeast, South Africa's southern half is surrounded by water, the Indian Ocean to the southeast and the Atlantic Ocean to the southwest. In its own northeastern region South Africa almost entirely encircles Swaziland, in its central eastern region South Africa territorially surrounds Lesotho. South Africa has a semi-arid climate, except for the east coast, where the climate is subtropical. The country's terrain consists of a large interior plateau surrounded by sharp hills and narrow coastal plains.

1996, at the end of over 12 years of international sanctions, South Africa's Gross Domestic Product almost tripled to peak at USD400 billion in 2011, but has since declined to roughly USD385 billion in 2019. Nonetheless, it is forecast that South Africa's economy is projected to grow by 1.1% in 2020 and 1.8% in 2021 amid domestic and global downside risks.

South Africa's economic policy has focused on controlling inflation while empowering a broader economic base. However, the country faces structural constraints that also limit economic growth such as skills shortages, declining global competitiveness and frequent work stoppages due to strikes. The government faces growing pressure from urban constituencies to improve the delivery of basic services to low-income areas, to increase job growth, and to provide university level-education at affordable prices. Political in-fighting among South Africa's ruling party and the volatility of the Rand risks economic growth.

Economy

South Africa was recently replaced by Nigeria as Sub-Saharan Africa's largest economy, but continues to be a regional leader. South Africa is a middle-income emerging market with an abundant supply of natural resources; well-developed financial, legal, communications, energy and transport sectors; and a stock exchange that is Africa's largest and among the top 20 in the world.

However, its economic growth has decelerated in recent years, slowing to an estimated 0.7% in 2017. Unemployment, poverty and inequality among the highest in the world remain a challenge. Since

Forest Resources

Responsible forestry requires attention to sustainable, efficient and effective practices that have the lowest environmental impact and yield the greatest social and economic benefits, while producing an array of renewable and versatile end-products. Commercial forestry is much like any other farming practice. The crops are considered a renewable resource, used to make sawntimber, pulp, paper, poles, mining timber, matches, charcoal and cellulose-based products. Specific species of trees are planted, harvested and replanted in sustainable rotations. This ensures that there are trees constantly at various stages of growth and maturity, ready to harvest for generations to come.

The South African forestry landscape is a tapestry of commercial timber plantations or tree farms interwoven by natural spaces of unplanted land to enhance and conserve biodiversity, grasslands, wetlands and indigenous forests. With some 80% of the country's timber plantations certified by the Forest Stewardship Council, South Africa boasts the highest degree of forest certification in the world. South Africans can be proud of their forestry industry as one that is environmentally, socially and economically responsible.

The forest resources consist of three main types: plantations, indigenous and natural forests and woodlands and savannas. Plantations cover almost 1.3 million hectares of South Africa and are one of the largest planted forests in the world. Indigenous forests cover approximately 0.5 million hectares. Savannas contribute the bulk of the wooded land area. Depending on how woodlands are classified the area ranges between 29 and 46 million hectares. The round wood production is about 30 million m³ solid volume excluding bark and about one third of this volume comes from plantations. The industrial usage is about 60% (18 million m³) for South Africa while the rest is used as fuel wood and charcoal. One advantage of the forest product industry is its well-managed plantations with quickly maturing trees.

Timber Industry

The timber and forestry industry is slowly growing in Africa. Forests and trees play an important role in the economic, environmental and social landscape of the continent. Forestry is often a key economic driver in rural areas across Africa. This can be seen through the establishment of new plantations and the resulting secondary processing and value-added

industries arising from increased timber resources. Furthermore, timber enhances foreign exchange as well as a considerable amount of employment. For countries with few other natural resources and low manufacturing capabilities, timber exports have become essential to its development strategies.

Africa's timber resources have long garnered investment from all over the world. Considering that a quarter of Africa's land is made up of forest, it is quite understandable. In fact, the Congo basin houses the second largest tropical rainforest in the world. In central and West Africa, forestry accounts for a large part of GDP in the form of timber exports. Some of Africa's major timber producers are the Democratic Republic of Congo, Congo, Gabon and Cameroon-who supply Europe with most of their tropical timber exports. Liberia is now one of Africa's largest timber producers and according to Global Witness, has seen more than 60% of its rainforest licensed to logging companies. As such, timber has become a large-scale enterprise for many African countries.

South Africa's Export of Timber and Timber Products

South Africa's export of timber and timber products in 2019 decreased 9% to USD639.9 million over the previous corresponding period. South Africa exported mainly furniture, BJC and logs totalled at USD123.3 million, USD59.8 million and USD77.1 million respectively. South Africa exported furniture and BJC mainly to China, valued at USD98.7 thousand and USD8.8 thousand respectively. Meanwhile, logs are exported mainly to Eswatini, valued at USD8.3 thousand.

South Africa : Export of Timber and Timber Products,2015-2019

(Value: USD' 000)

PRODUCT	2015	2016	2017	2018	2019
Furniture	140,618	113,721	117,825	116,157	123,263
BJC	55,428	56,054	57,311	63,517	59,782
Logs	56,684	46,601	56,740	78,215	77,093
Sawntimber	44,220	43,695	52,478	54,671	57,448
Particleboard	31,277	33,676	42,362	51,558	35,863
Plywood	12,447	10,401	17,081	19,568	12,967
Fibreboard	18,751	14,959	13,950	18,122	12,033
Moulding s	9,888	6,619	6,149	5,417	5,371
Veneer	5,673	5,725	4,284	4,770	4,290
Wooden Frame	1,302	974	1,085	1,263	689
Others	265,288	256,638	284,055	291,821	251,103
TOTAL	641,576	589,063	653,320	705,079	639,902

Source: ITC Statistics

South Africa's Import of Timber and Timber Products

According to the latest ITC statistics, South Africa's import of timber and timber products in 2019 decreased by 5% to USD556.5 million over the

previous corresponding period. South Africa imported mainly furniture, sawnwood and plywood, totalled at USD190.1 million (a decrease of 4%), USD114.6 million (a decrease of 6%) and USD40.6 million (a decrease of 22%) respectively. The major import sources for South Africa are Eswatini, followed by China and Malaysia.

South Africa: Import of Timber and Timber Products, 2015-2019

(Value: USD' 000)

PRODUCT	2015	2016	2017	2018	2019
Furniture	211,203	171,746	170,982	198,060	190,114
Sawnwood	120,565	104,430	107,704	121,901	114,567
Plywood	50,475	45,918	48,166	51,912	40,596
Fibreboard	40,154	37,572	42,286	37,480	42,256
BJC	29,616	20,398	22,438	24,611	21,873
Mouldings	19,733	16,562	19,785	18,421	14,040
Logs	9,855	9,369	12,308	9,547	8,308
Veneer	14,560	15,257	11,798	11,007	8,726
Particleboard/Chipboard	9,380	6,919	8,361	8,113	8,070
Wooden Frame	2,096	1,762	1,679	2,120	1,703
Others	81,482	90,449	87,536	99,766	104,197
TOTAL	591,134	522,398	535,060	584,956	556,469

Source: ITC Statistics

Malaysia's Export of Timber and Timber Products to South Africa

South Africa has always been an important timber trade partner for Malaysia in the Africa region. However, in 2019, exports of Malaysian timber and timber products

to South Africa registered a decrease of 6% to RM221.1 million from RM234.3 million in 2018. South Africa ranked 22nd with 1% of Malaysia's total export share. Sawntimber was the main product exported with a total value of RM95.2 million, followed by wooden furniture at RM76.2 million and BJC at RM18.1 million.

Malaysia : Export of Timber and Timber Products to South Africa, 2015-2019

(Value : RM)

PRODUCT	2015	2016	2017	2018	2019
Sawntimber	134,975,487	110,122,967	105,354,386	105,755,463	95,238,899
Wooden Furniture	74,283,862	50,352,465	64,478,692	73,875,662	76,211,118
BJC	21,223,551	17,420,231	19,015,185	20,110,888	18,078,980
MDF	6,458,599	4,241,958	8,799,022	13,458,840	15,502,368
Mouldings	12,162,681	12,336,542	11,127,128	13,664,277	9,242,298
Plywood	10,833,614	11,488,428	9,704,223	6,344,938	4,507,463
Veneer	133,822	135,618	312,277	1,053,098	1,051,496
Chipboard	0	0	29,930	0	204,387
Wooden Frame	62,441	0	0	0	0
Rattan Furniture	33,333	58,661	0	0	0
Logs	0	0	0	0	0
Others	1,341,871	1,275,005	446,195	1,487,100	1,042,167
TOTAL	260,167,390	206,156,870	218,820,843	234,263,166	221,079,176

Source: MTIB & DOSM

Malaysia's Import of Timber and Timber Products from South Africa

In 2019, Malaysia's import of timber and timber products from South Africa showed an increase of

80% to RM4.4 million from RM2.4 million in 2018. BJC was the main product imported with a total value of RM791.6 thousand followed by sawntimber at RM756.3 thousand and wooden furniture at RM12.4 thousand.

Malaysia : Import of Timber and Timber Products from South Africa, 2015-2019

(Value : RM)

PRODUCT	2015	2016	2017	2018	2019
BJC	2,396,527	2,800,506	2,452,312	1,939,890	791,572
Sawntimber	0	237,319	0	306,571	756,302
Wooden Furniture	0	79,086	0	0	12,386
MDF	303,787	0	0	116,911	0
Chipboard/Particleboard	0	294,183	0	62,750	0
Veneer	56,553	26,802	0	17,494	0
Mouldings	0	13,428	13,056	0	0
Logs	45,803	0	0	0	0
Plywood	0	0	0	0	0
Rattan Furniture	0	5,542	0	0	0
Others	166,758	46,179	34,890	6,212	2,853,118
TOTAL	2,969,428	3,456,866	2,465,368	2,449,828	4,413,378

Source: MTIB & DOSM

Import Tariffs

South Africa's import duties on timber and timber products under MFN are as follows:

PRODUCT	DUTY (%)
Logs	0
Sawntimber	0
Veneer	10
Mouldings	0
Chipboard/Particleboard	15
Fibreboard	10
Plywood	10
Wooden Frame	10
Builders Joinery & Carpentry	15
Furniture	20

Source: WTO

of the sector. The years to come will see increased efficiency and productivity. The medium-term outlook for the timber industry is under pressure while the short-term outlook for South Africa's timber industry looks promising with positive supply and demand figures. As the total area under plantation in South Africa is not expanding in line with the demand for structural timber there is a looming timber shortage.

Sawmilling in South Africa highlights the fact that South Africa's structural timber stockpiles are currently self-sustaining. However, the industry needs to address the potential shortage, which is expected to hit in the next five to six years. Structural timber demand currently is particularly high in the Western Cape and indications are that the pole industry is also healthy, largely because the government is still implementing large electrification programmes. However in five or six years, supply will not be able to meet demand and plans are not yet in place to ensure an adequate future supply of timber.

Prospects

South Africa's government experts are mulling over all possible options to ensure revival and strengthening

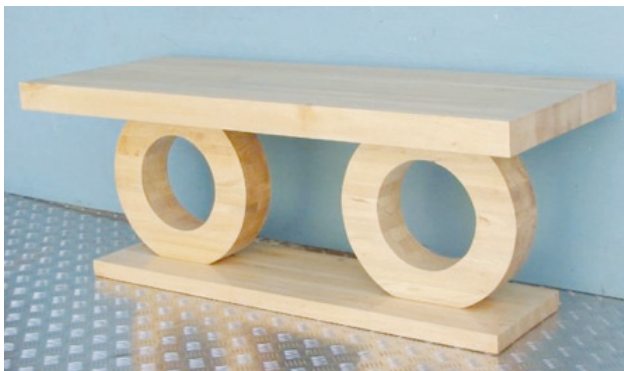
The sawmilling industry is in consultation with the government about several possible remedial

measures, one of which is for the government to grant licences for more plantations. Restrictions were introduced about 20 years ago, owing to a dwindling water supply and as the economy of the country grew, the establishment of forests fell out of focus. Another potential compensatory measure is for the sawmilling industry to increase its efficiency. At the moment, only about 49% of the trees are used, 20% of which goes into the structural industry.

Hence, South Africa's timber industry must try to improve its efficiency which would require investment in expensive new technology. This measure is to ensure an adequate supply of South African-grown timber which would take many years to implement, asserting that the more prudent option would be to expand existing plantation areas. It is estimated that South Africa will have to import nearly half its pine for structural purposes within the next two decades.



Garden furniture made from wine barrels.



Handmade furniture from South Africa.

Malaysia, which has always been an important trading partner with South Africa regarding timber, is also facing strong competition from Eswatini and China. Therefore, in order to sustain and improve trade as well as its market share in South Africa, Malaysian exporters need to be competitive in terms of price and quality together with effective marketing and promotion strategies.

Malaysian manufacturers also need to enhance their presence in the South African market to create demand for Malaysian value-added timber products in the market. Malaysian engineered timber products also can be further promoted since there are opportunities to fulfill future demand in South Africa as well as an excellent opportunity for Malaysian timber and furniture exporters to enhance networking and explore business opportunity among South African counterparts.

Through those activities, Malaysian timber exporters would be able to further develop their networking with South Africa's timber and furniture importers while at the same time undertake market research on current South African importers' market preferences and taste. Therefore, it is envisaged that with the above opportunities, timber trade for both countries especially in terms of export and import activities and investments in timber and timber products will be increased in the coming years.

References:

- *International Trade Centre*
- *Department of Statistics Malaysia (DOSM)*
- *MTIB's Statistics*
- *The World Bank*
- <http://www.cifor.org>
- <http://www.forestlegality.org>
- <http://www.fao.org>
- <https://www.cia.gov>
- https://en.wikipedia.org/wiki/South_Africa
- <https://countryeconomy.com/countries/south-africa>
- <https://www.britannica.com/place/South-Africa>
- <https://forestrysouthafrica.co.za> 

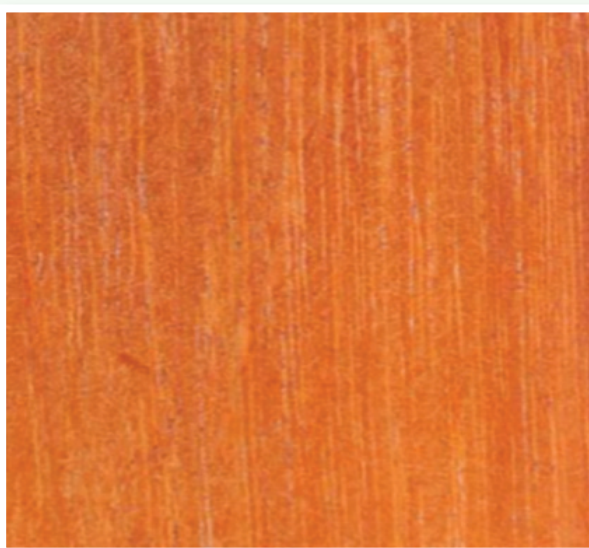
TEMPINIS – SUITABLE FOR HEAVY CONSTRUCTION



Tempinis tree.

Tempinis is the Standard Malaysian Name as well as the ASEAN Standard Name for the timber of *Streblus elongatus* (Moraceae). Its vernacular name appears to be uniformed in that only Tempinis is used throughout the country. It is also known as Tempinis (Indonesia) and Khoi (Thailand). Only one species attains tree size, viz. *S. elongatus*.

General Characteristics



Wood colour and texture.

The sapwood is light yellow-brown and is sharply differentiated from the heartwood, which is red-brown when fresh, darkening to a deep shade of brown or dark chocolate-brown upon exposure. Its grain is interlocked and growth rings are absent. Vessels are moderately numerous to numerous, small to medium-sized; mostly solitary but with some radial pairs or groups of three to four.

Tyloses are abundant and yellow-white deposits are common. Wood parenchyma is abundant, visible to the naked eye; predominantly aliform and confluent, with the confluent layers linking up diagonally in short wavy layers.

Density

The timber is very hard and very heavy with a density of 915-1025 kg/m³ air dry.

Natural Durability

The timber is very durable. Graveyard tests carried out on the wood of *S. elongatus* gave an average service life of 11.3 years.

Texture

The texture is fine and even with an interlocked grain.

Strength Properties

The timber falls into Strength Group 2.

Machining Properties

It is moderately easy to difficult to resaw and is slightly difficult to difficult to cross-cut. Planing is difficult however the planed surface is smooth.

Nailing Property

The nailing property is rated as very poor.

Air Drying

The timber seasons fairly rapidly with no defects at all. A 13 mm thick board takes approximately 2.5 months to air dry, while 38 mm thick board takes 3.5 months.

Shrinkage

Shrinkage is very low, with radial shrinkage averaging 0.8% and tangential shrinkage averaging 1%.

Working Properties

Planing	: Difficult	Finish	: Smooth
Boring	: Moderately easy	Finish	: Difficult
Turning	: Difficult	Finish	: Difficult
Nailing	: Very poor		
Gluing	: n.a		
Finishing	: Poor		

Uses

The timber is suitable for all forms of heavy construction like bridges and wharves. Other uses include flooring (heavy traffic), railway sleepers, power transmission poles, beams, joists, rafters, columns (light to heavy duty), tool handles (impact), staircase (carriage, newel, riser, stringer, tread, bullnose, round end and winder), door and window frames and sills.



Tempinis leaves.

References:

- Burgess, H.J. 1958. Strength Grouping of Malaysian Timbers. Malayan Forest Service Trade Leaflet No.25. MTIB and FRIM, Kuala Lumpur. 15 pp.
- Menon, P. K. B. 1986. Uses of Some Malaysian Timbers. Revised by Lim, S. C. Timber Trade Leaflet No. 31. MTIB and FRIM, Kuala Lumpur. 48 pp.
- Wong, T. M. 1982. A Dictionary of Malaysian Timbers. Revised by Lim, S. C. & Chung, R. C. K. Malayan Forest Record No. 30. FRIM. Kuala Lumpur. 201pp.
- 100 Malaysian Timbers 2010 Edition, Malaysian Timber Industry Board, (MTIB), Kuala Lumpur.

MTIB



Jelutong Dyers spp.

Malaysian Wood
Standing on Excellence

Lukisan Seribu Makna, Kayu Eratkan Semua
A Picture Paints a Thousand Words. Wood Binds Them All

www.mtib.gov.my





YB Data' Dr. Mohd Khairuddin Aman Razali, Minister of Plantation Industries and Commodities having a discussion with MTIB personnel at MTIB, Kuala Terengganu on 10 April 2020.



YB Dato' Dr. Mohd Khairuddin Aman Razali, Minister of Plantation Industries and Commodities (third from right) with MTIB personnel at MTIB, Kuala Terengganu while practising social distancing, on 10 April 2020.



Encik Mohd Kheiruddin Mohd Rani, MTIB Director-General (left) during his visit to Dynamic Furniture Sdn. Bhd. in Olak Lempit, Banting on 14 April 2020.



YB Dato'Sri Dr. Wee Jeck Seng, Deputy Minister of Plantation Industries and Commodities (Photo a and b) visiting Benithem Sdn. Bhd. in Pontian, Johor on 10 April 2020.

Encik Mohd Kheiruddin Mohd Rani, MTIB Director-General (right) being briefed on the company's products by a representative from Weng Meng Industries Sdn. Bhd. during his visit to the factory on 14 April 2020.