**STANDARD NAME****RED BALAU**

(Heavy Hardwood)

*(Also known as Selangan Batu Merah in Sabah and Sarawak)***FAMILY**

Dipterocarpaceae

BOTANICAL NAME*Shorea* spp., principally *S. guiso*, *S. collina*, *S. kunstleri* and *S. ochrophloia***DISTRIBUTION**

Sporadically distributed throughout the country on low-lying, undulating land and hills.

GENERAL DESCRIPTION

Sapwood is pink, purple-brown or grey-brown and is fairly well-defined from the heartwood, which is light to deep red-brown.

Grain is deeply interlocked.**Texture** is moderately fine to slightly coarse and even.**Vessels** are with simple perforations and medium-sized to moderately large, few to moderately few, mostly solitary with a few radial or oblique groups of two to four, evenly distributed but with a tendency to form short oblique lines; mostly filled with tyloses.**Wood parenchyma** is of both the apotracheal and paratracheal types; apotracheal type consists of irregularly spaced concentric bands and short tangential lines; paratracheal type is aliform with a tendency to the confluent type.**Rays** are fine to medium-sized, visible to the naked eye on the cross-section.**Intercellular canals** of vertical type occur in concentric formation, often as large as the vessels and filled with white resin.



EU NO. 123747

**CERTIFICATE
OF
VACUUM & PRESSURE TIMBER TREATMENT
WITH
CELcURE WOOD PRESERVATIVE**

EASTERN UNION TRADING & SAWMILL CO. PTE LTD.

70, Sungei Kadut Industrial Estate Street 1, Singapore 729371. Tel: 6269 3061, 6269 2157 Fax: 6367 8843

(a registered Licensee of CELcURE CHEMICALS (M) SDN. BHD.)

Customer's Name Seng Min Sawmill Co (S) Pte Ltd Timber Quantity 0.1528 Tons

Address 6. Sungei Kadut Street 3 Species Balau Hardwood

singapore 729141 Destination Singapore

Customer's Ord. No EW45999 Charge Sheet No: 67512

Remarks: Celcurise Class A Treated Zone Date Treated: 21.5.19

Size: 3100mm x 450mm x 100mm= 1Pes

1135mm x 450mm x 75mm= 2 Pes.

This is to Certify that the above order has been 'Celcurised' (Pressure Treated) with Celcure A(P) wood preservative in accordance to specification.

The charge sheet(s) referring to the above give complete details of the treatment given to the timber and can be inspected at the Licensee's office or at the office of CELcURE CHEMICALS (M) SDN. BHD., Kuala Lumpur.

EASTERN UNION TRADING & SAWMILL CO. PTE. LTD.
(TIMBER PRESERVATION DEPARTMENT)

Signature [Signature] Date 22.5.2019

Rentokil Initial

Experts in the Essentials

Rentokil Initial Singapore Pte Ltd

16 & 18 Jalan Mesin
Singapore 368815

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f +65 6347 8102 (Pest Control)
+65 6755 0548 (Initial Hygiene)
+65 6283 6009 (Fumigation)
w www.rentokil-initial.com

Certificate No: **00053515**

TPS No: **33317**

Date of Issue: **14-Nov-2012**

FUMIGATION CERTIFICATE

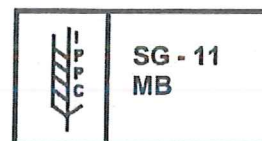
This is to certify that the regulated article described below has been fumigated with methyl bromide gas according to the appropriate procedures to conform to the current phytosanitary requirements of the importing countries. The treatment provider is approved by AVA to conduct methyl bromide fumigation on (approved commodity) under Treatment Provider Scheme (TPS).

COMMODITY DETAILS

Description and Quantity of Commodities	: BALAU DECK SAWN TIMBER 450 EACH (PCS). 150MM (B) X 80MM (II) X 3590MM (L) C/W BOTH ENDS CHAMFERING AS PER SKETCH TOTAL: 450 EACH/PIECES 19.3860 M3 = 13.6907 TNE = APPROX. 18,940.00 KGS NOTE: THIS CONSIGNMENT HAS BEEN FUMIGATED PRIOR TO APPLICATION OF PLASTIC WRAPPING OR PLASTIC WRAPPING IN THE CONSIGNMENT CONFORMS TO AQIS WRAPPING AND PERFORATION STANDARD AS FOUND IN THE AQIS
Name & Address of Shipper/Consignor	: FUGRO-TSM PTY. LTD. LEVEL 6, 256, ADELAIDE TERRACE PERTH WA 6000 AUSTRALIA
Name & Address of Consignee	: VESSL REM ETIVE
Country of Origin	: MALAYSIA
Country of Destination	: AUSTRALIA
Port of Entry	: PERTH
Means of Conveyance (Optional)	: BY SEA FREIGHT

TREATMENT DETAILS

Date of Treatment	: 10/11/2012
Place of Treatment	: NO. 6 SUNGEI KADUT STREET 3, SINGAPORE
Exposure Period (Hr/min)	: 24 HRS
Dosage (g/cum)	: 48 GM/CU METRE
Minimum Air Temperature (enclosure)	: 36 DEGREE C / 32 DEGREE C
IPPC Mark (If applicable)	:
Additional Info	:
Container No. / Seal No. / Our Seal No.	:



Lot ID: 33317

I declare that these details are true and correct to the best of my knowledge.

(Signature of Fumigator)

CHUE FOOK LUM

Licensed Fumigator

for **Rentokil Initial (Singapore) Pte. Ltd.**

Rentokil Initial

Experts in the Essentials

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 Singapore 368815

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 +65 6755 0548 (Initial Hygiene)
 +65 6283 6009 (Fumigation)
 w www.rentokil-initial.com

Certificate No: **00056264**

Date of Issue: 23-Sep-2013

TPS No: 35394

FUMIGATION CERTIFICATE

This is to certify that the regulated article described below has been fumigated with methyl bromide gas according to the appropriate procedures to confirm to the current phytosanitary requirements of the importing countries. The treatment provider is approved by AVA to conduct methyl bromide fumigation on (approved commodity) under Treatment Provider Scheme (TPS).

COMMODITY DETAILS

Description and Quantity of Commodities : SAWN TIMBER, BALAU TIMBER
 150MM X 80MM X 3590MM (L) 150 PCS.
 C/W BOTH ENDS CHAMFER AS PER SKETCH
 TOTAL: 150 PIECES = 6.4620 M3 = 4.5636 TNE
 = APPROX. 6,313.00 KGS

NOTE: THIS CONSIGNMENT HAS BEEN FUMIGATED
 PRIOR TO APPLICATION OF PLASTIC WRAPPING OR
 PLASTIC WRAPPING IN THE CONSIGNMENT CONFORMS
 TO AQIS WRAPPING AND PERFORATION STANDARD AS
 FOUND IN THE AQIS

Name & Address of Shipper/Consignor :

Name & Address of Consignee :

Country of Origin :

Country of Destination :

Port of Entry :

Means of Conveyance (Optional) :

BY SEAFREIGHT

TREATMENT DETAILS

Date of Treatment : 21/09/2013
 Place of Treatment : 6 SUNGEI KADUT STREET 3, SINGAPORE
 Exposure Period (Hr/min) : 24 HRS
 Dosage (g/cum) : 48 GM/CU METRE
 Minimum Air Temperature (enclosure) : 36 DEGREE C / 32 DEGREE C
 IPPC Mark (If applicable) :

I declare that these details are true and correct to the best of my knowledge.



(Signature of Fumigator)

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AHMAD BIN JAILANI

Licensed Fumigator

for **Rentokil Initial (Singapore) Pte. Ltd.**