



EAZYWOOD

www.easywood.com.my

PIONEER & SPECIALIST
IN COMPOSITE TIMBER PRODUCTS

COMPOSITE WOOD DECKING



Since Year 2004



Easy Wood Sdn. Bhd. (877688-W)
Easy Wood (Penang) Sdn. Bhd. (874806-X)
Multi Plank Sdn. Bhd. (913566-M)

Pioneer And Specialist In Composite Timber Products Since Year 2004

Introduction :

Since year 2004, our group of companies have venturing our business not only to local Malaysia market, but also exporting to numbers of countries, which including Singapore, Indonesia, Philippines, Vietnam, France, Italy, Germany, Netherlands, India, Australia, New Zealands and India.

With years of expertise experiences, we design, produce and continue developing products made in composite wood as the better solution to our respective clients. Our products are developing as revolutionary composite timber which to many aspects perform better than real wood, besides the features and benefits of "termite and water resistant, more durable, minimum maintenance, never splinter, environmental friendly and recycle-able", we have significantly improve our composite products' aesthetically value towards natural timber look / finished along the years!

CTWOOD/EAZYWOOD composite products including the wood decking, batten, ceiling strips, wall paneling / cladding, skirting, cornice, architrave, border/lining, picket fencing, D.I.Y. deck tiles, SPC Vinyl flooring and many other related accessories. Through years of continual development and improvement, EAZYWOOD now has the widest range of products on the composite wood decking and ceiling strip, to meet all needs from our respective customers.

ABOUT US

TESTED / CERTIFIED



Certification Number 043-013
Made From Minimum 50% Recycle Content



EAZYWOOD

易の木

why you
choose
composite
wood?

您为什么选择
环保木塑?



termite resistant
防白蚁



water resistant
防水



minimum maintenance
超低维修



long term savings
长期节省维修费



recycle-able
可再循环（环保）



easy Installation
容易安装



environmental friendly
环保/绿木



fire retardant
不惹火

why you choose
EAZYWOOD®?

您为什么选择
EAZYWOOD®
易の木?

- Pioneer & specialist since year 2004 (established & reliable)
超过20年专业经验
- Excellent quality & service
优质产品&服务
- Proven reliable and responsible (>20 years)
可靠+售后服务
- Consistently keeping stocks
长期库存（货）
- Offer most choices / options
提供最多选择



SIRIM QAS International Sdn. Bhd.
(Company No.: 199601037981 (410334-X))
No.1, Persiaran Dato' Menteri, P.O.BOX 7035, Section 2,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 03-55446047
Fax: 03-55446688
www.sirim-qas.com.my

TEST REPORT

REPORT NO : 2023CE1509

PAGE : 1 OF 7

This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This Test Report shall not be reproduced, except in full and shall not be used for any purpose by any means or forms (including but not limited to advertising purposes) without written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE), SIRIM QAS International Sdn. Bhd. Please refer to the last page of this Test Report for Conditions Relating to the Use of Test Report.

THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : EASY WOOD SDN BHD
No. 4, Jalan BP 5/8
Bandar Bukit Puchong
47100 Puchong
Selangor

Manufacturer : - same as above -

Product : EAZYWOOD WPC DECKING

Reference Standard / Method of Test : 1) ASTM D2395: 2017 (Reapproved 2022) - Standard Test Method for Density and Specific Gravity (Relative Density) of Wood and Wood-Based Materials
2) ASTM D6109: 2019 - Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastic Lumber and Related Product
3) ASTM D1037: 2012 (Reapproved 2020) - Standard Test Method for Evaluating Properties of Wood -Base Fiber and Particle Panel Materials
4) ASTM D1525: 2017 - Standard Test Method for Vicat Softening Temperature of Plastics
5) ISO 11925-2: 2020 - Reaction to Fire Tests - Ignitability of Products Subjected to Direct Impingement of Flame - Part 2: Single-Flame Source Test

Description of sample : New test sample shown in Appendix A was received for testing on 2 June 2023.

Date Received of Complete Application : 29 May 2023

Job No. : J20233670981

Description of Test Results : The test results of the submitted test samples are described on Pages 2 to 4 of this test report.

Issued Date : 22 June 2023

Approved Signatory;

(MOHAMAD FAIS BIN NORD)
Testing Executive



(HAHNAS BINTI MAHBUT)
Head

Chemical, Polymer and Composite Section
Testing Services Department



The Singapore Environment Council hereby grant

Easy Wood Sdn Bhd

No. 4 Jalan BP 5/8, Bandar Bukit Puchong,
Puchong 47100, Selangor, Malaysia

the right to use the Singapore Green Label for

EAZYWOOD

043-068-3544

Made From Recycled And / Or Sustainable Content

(In accordance to SEC Green Label Category 43: Product with recycled and/or sustainable content)

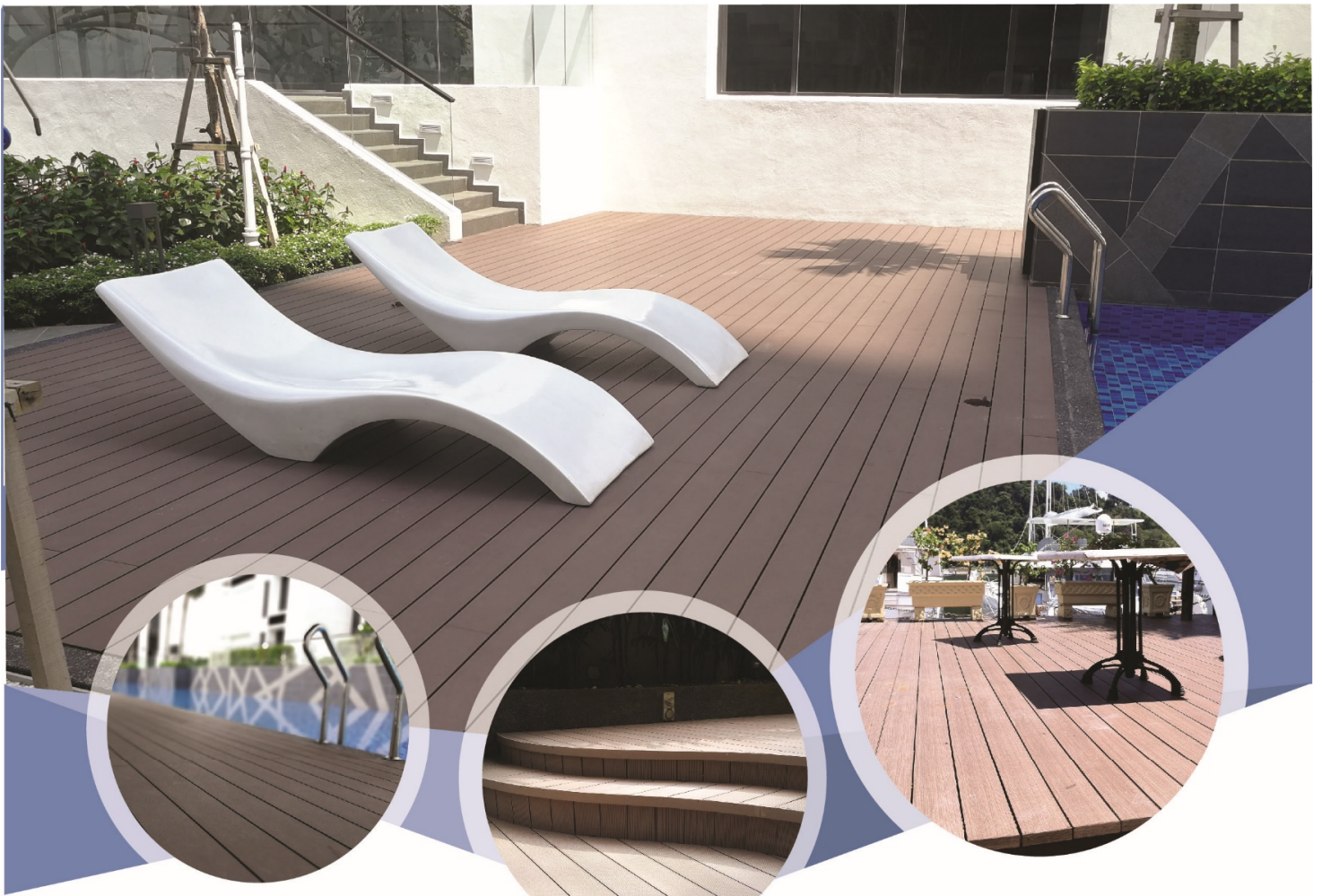
Validity: 9 September 2020 to 8 September 2022

JEN TEO
Executive Director
Singapore Environment Council



**Singapore
Environment
Council**

1 Kay Siang Road #07-01
Singapore 248922



COMPOSITE DECKING

EAZY WOOD composite decking with it's features & benefits of termite & water resistance, easy installation & maintenance, environmental friendly & aesthetically so close to real timber suggesting it's the ideal product for the outdoor decking various applications.

EAZY WOOD Composite decking with widest ranges of decking choices in terms of budgetary prices, colour finishes & sizes, in order to meet the customers needs.



FEATURES & BENEFITS



QUICK & EASY
INSTALLATION



TERMITE
RESISTANT



RECYCLE-ABLE



FIRE
RETARDANT



ENVIRONMENTAL
FRIENDLY



LONG TERM
SAVINGS



WATER
RESISTANT



MINIMUM
MAINTENANCE

COMPOSITE DECKING

- Easy maintenance
- Pre-finished surface with timber look
- Termite & water resistant (manufacturer warranty)

TYPICAL COMPONENTS OF EAZYWOOD WPC DECKING SYSTEM



EAZYWOOD COMPOSITE DECKING SYSTEM;
DECK BOARD MODEL PESO 906 (135 X 23 X 2,800MM),
ALUMINIUM SHS BATTENS (25 X 25MM)
RUNNING @ 250 MM C/C, NYLON FASTENER CLIPS &
SS 304 SCREWS; AS PER MANUFACTURER ADVICES.



Component	Detailed dimensions (mm)	Remarks / Basic Installation Guideline**
WPC Deck Board (PE-WPC & PVC-WPC)	125 (w) X 25.0 (thk.) 135 (w) X 23.0 (thk.) 142 (w) X 22.5 (thk.) 150 (w) X 25.0 (thk.)	Installed with expansion gaps. Gap sizes subject to model of the deck boards. To seek for supplier advice.
HDPE-WPC Solid Batten	40 (w) X 25 (thk.)	Running @ 250 ~ 280 mm c/c (max.). Subject to the model of deck boards apply.
Gal. M/Steel or Aluminium Batten SHS	25 X 25 X 6,100 (L) 38 X 38 X 6,100 (L)	Running @ 250 ~ 280 mm c/c (max.). Subject to the model of deck boards apply.
Edging Board	95 (w) X 10 (thk.) 70 (w) X 10 (thk.) 150 (w) X 18 (thk.)	Installed with "direct screw tightening method" on @ every 300 mm (max) plus bonding silicon adhesive (external use type).
WPC L-Angle Edging	25 X 25 X 5 mm (thk.) 54 X 40 X 5 mm (thk.)	Installed with "direct screw tightening method" on @ every 300 mm (max) plus bonding silicon adhesive (external use type).
SS 304 Tapping Screws	# 8 X 25 mm (For gal. m/steel batten) (with brown colour screw head) # 6 X 30 mm (For alum. SHS batten) (with brown colour screw head) # 10 x 63 mm (For installation of 25mm thk. batten directly onto the subfloor)	Custom-made tapping screws with it's head coated in brown colour, to minimize glare via the gaps between the deck boards.
Fastener Clip	As per samples	Made with / from durable nylon material.
Locking Clip	As per samples	Made with SS 304 material. To control deck boards expansion and shrinking directions.

**Remarks / Basic installation Guideline – above stated are only applicable for installations at normal site condition, do contact us if need further advise.

A CUSTOMIZED EDGING DESIGN

We are committed to providing customized edging solution for you to meet all your design requirement, perfecting your work is our mission.



OTHER APPLICATIONS



COMMERCIAL PROJECTS



E&O HOTEL
PENANG



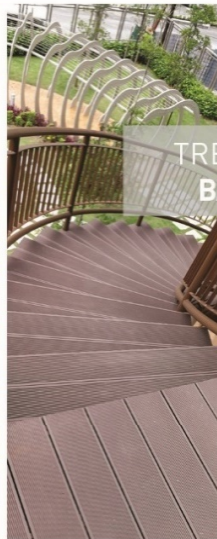
PERDANA BROAD WALK
LANGKAWI



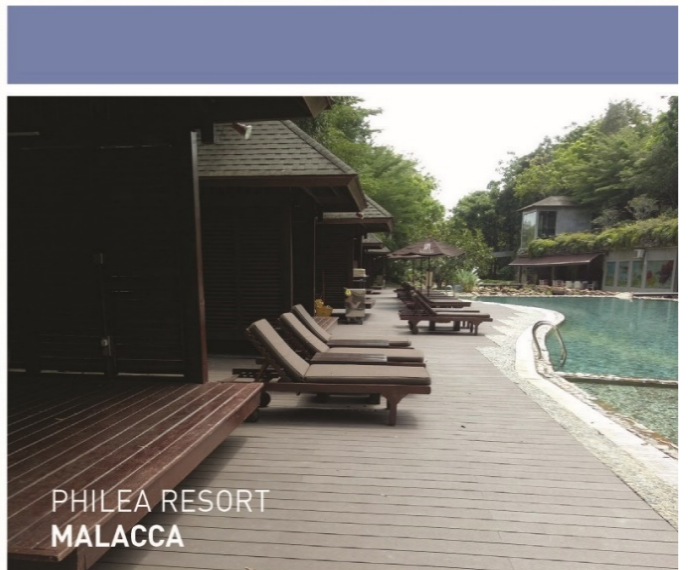
TREE HOUSE
BANGSAR



UCSI UNIVERSITY
KUCHING



DIGI HQ CAFETERIA
SHAH ALAM



PHILEA RESORT
MALACCA



**BOTANIC GARDEN
KEPONG**



**ECO SANCTUARY
KOTA KEMUNING**



**G TOWER
KUALA LUMPUR**



**KLGCC RESORT
KUALA LUMPUR**



**MANIPAL COLLEGE
MALACCA**



**PENANG HILL
PENANG**



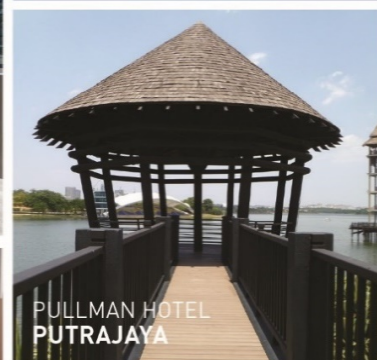
**THE HERRITAGE HOTEL
MALACCA**



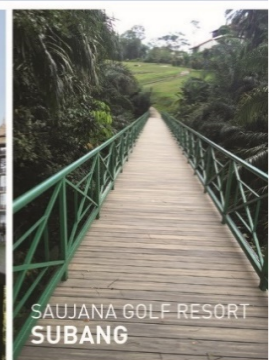
**RITZ CALTON RESIDENCE
KUALA LUMPUR**



**THE HENGE CONDO
KEPONG**



**PULLMAN HOTEL
PUTRAJAYA**



**SAUJANA GOLF RESORT
SUBANG**



**TITIWANGSA SENTRAL
CONDO, KUALA LUMPUR**



**ALL SEASON PALACE
CONDO, PENANG**



**THE ELEVIA
PUCHONG**



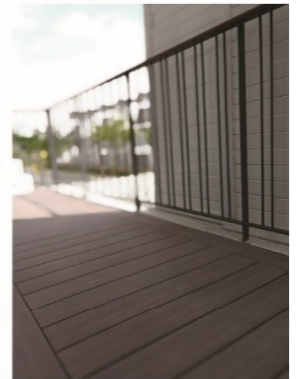
**SETIA SKY RESIDENCE
KUALA LUMPUR**



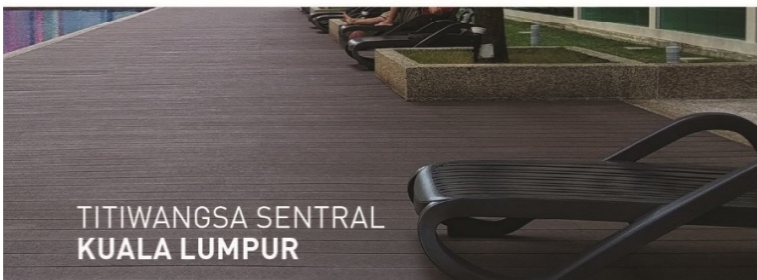
**THE HORIZON HILL
NUSAJAYA, JOHOR**



**EMERALD BAY
PUTERI HARBOUR JOHOR**



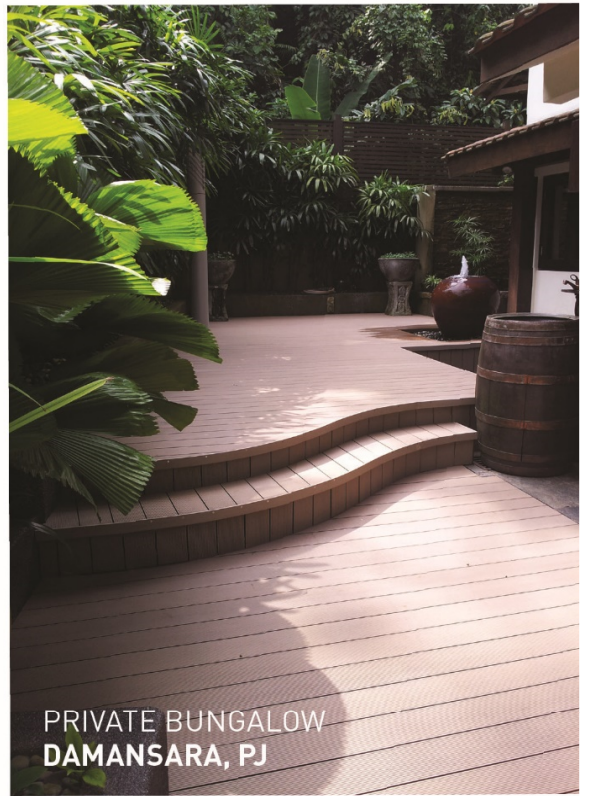
**VERVE SUITES
MONT KIARA**



**TITIWANGSA SENTRAL
KUALA LUMPUR**



PRIVATE BUNGALOW
MALACCA

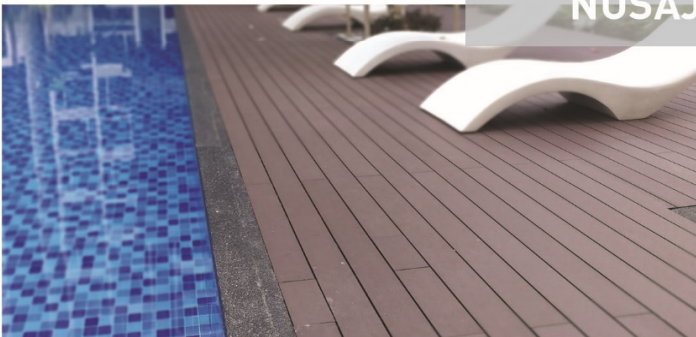


PRIVATE BUNGALOW
DAMANSARA, PJ

RESIDENTIAL PROJECTS

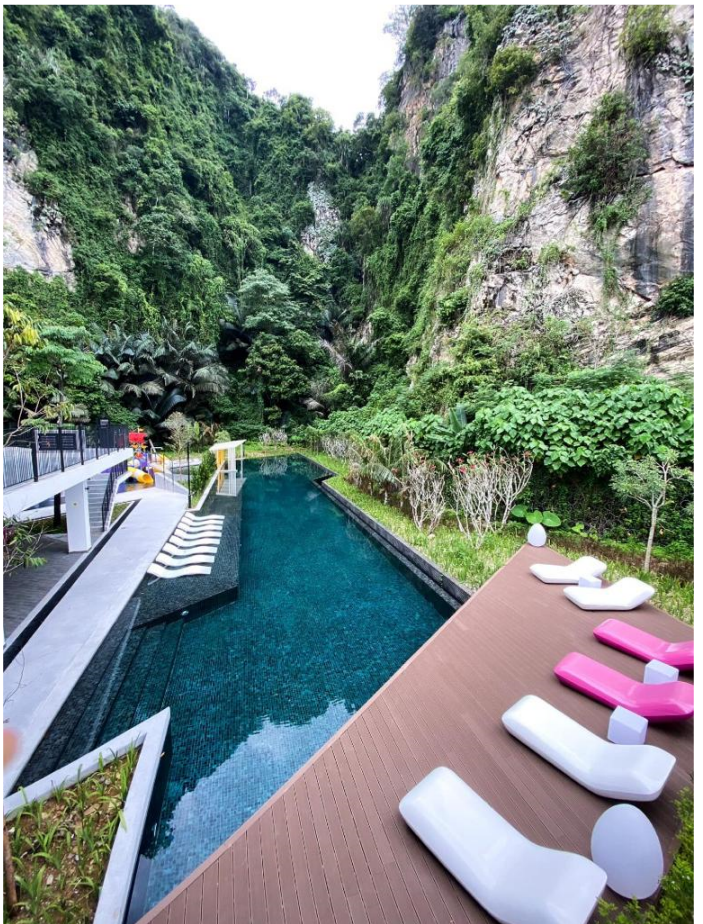


ECONEST CONDO
NUSAJAYA, JOHOR



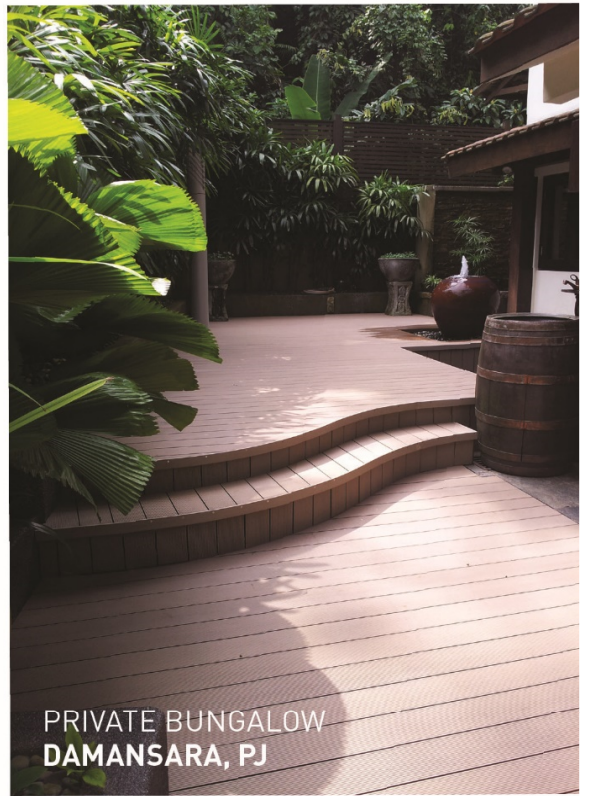


**RESIDENTIAL
PROJECTS**





PRIVATE BUNGALOW
MALACCA

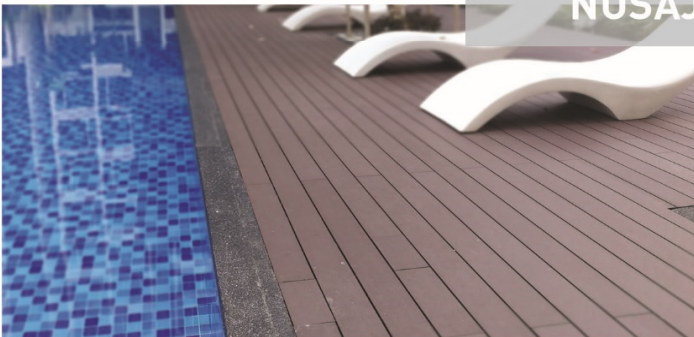


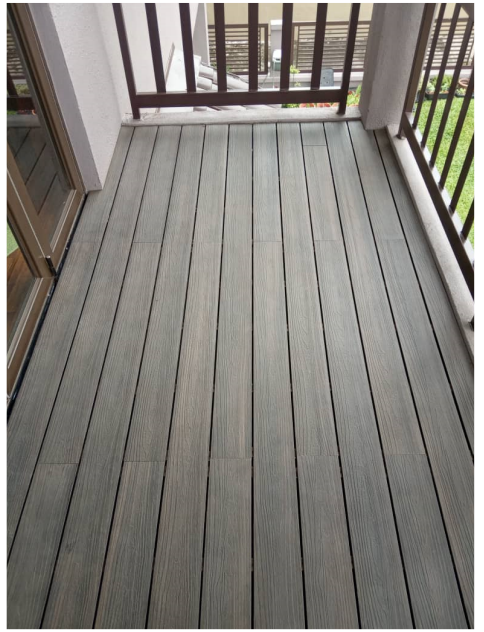
PRIVATE BUNGALOW
DAMANSARA, PJ

RESIDENTIAL PROJECTS

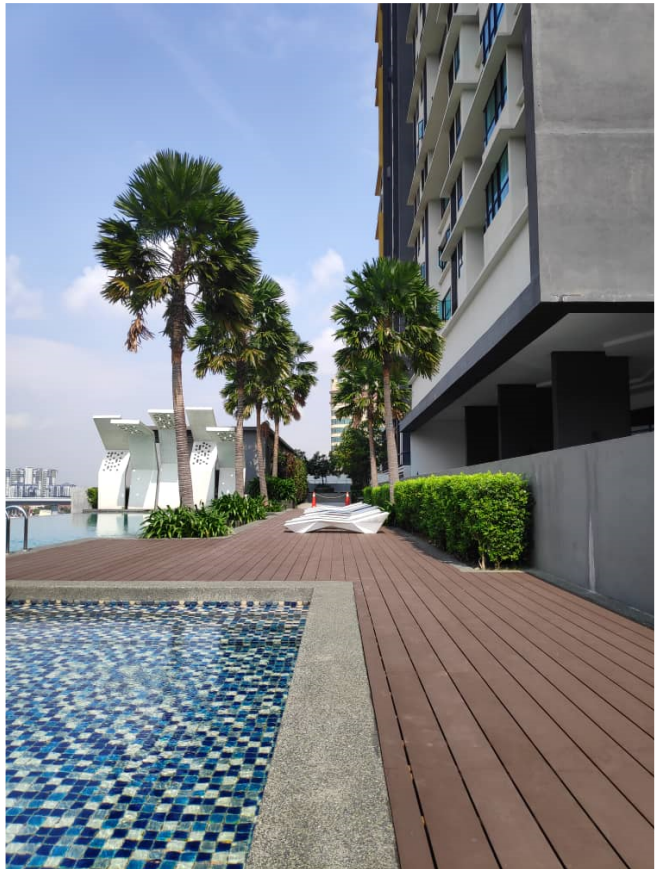


ECONEST CONDO
NUSAJAYA, JOHOR





RESIDENTIAL PROJECTS





RESIDENTIAL PROJECTS



Material Properties

For Deck Board Model : PE103A, PES0902, PE903A, PES0906, PE801A, PE804A

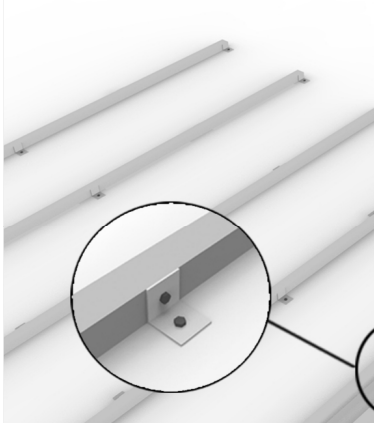




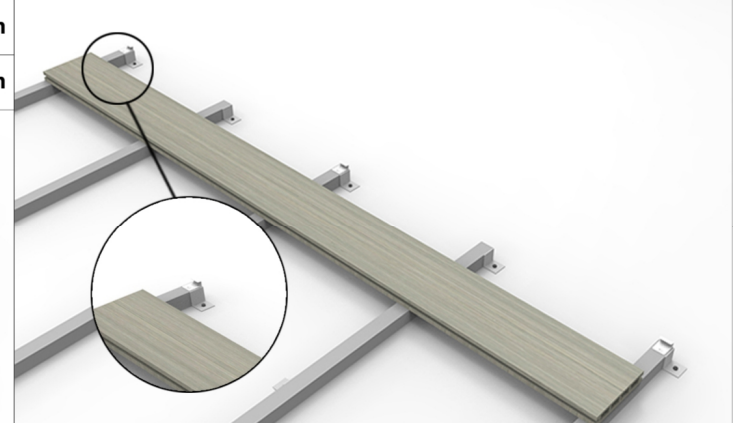


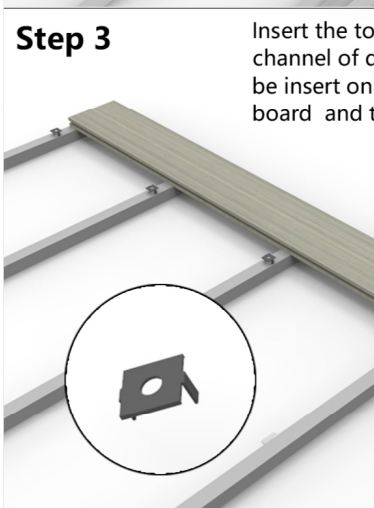
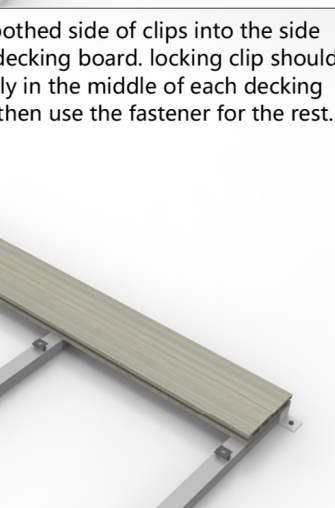
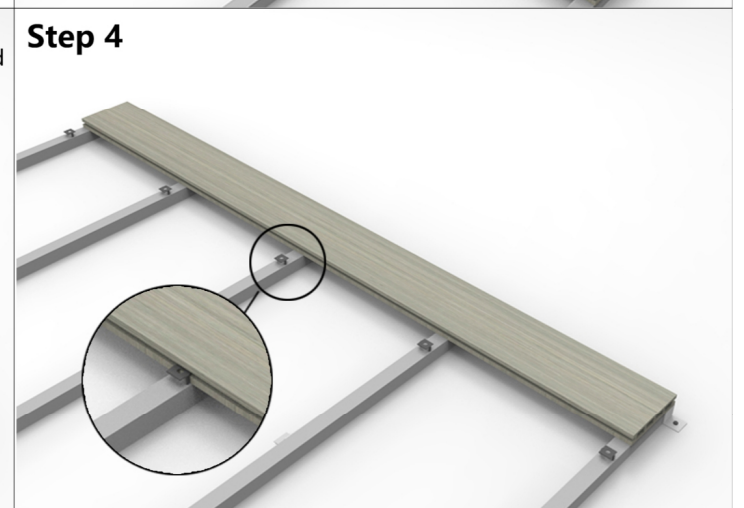
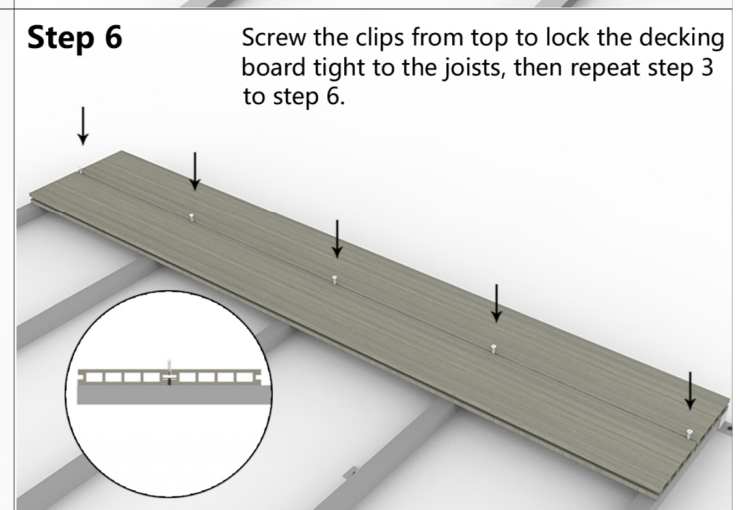
Property	Result	Test Method
Specific Gravity	1.32 g/cm ³	ASTM D792-13 METHOD B
Flexural Test (Strength)	31.8 MPa	ASTM D 790-10 (PROCEDURE A)
Flexural Test (Modulus)	4660 MPa	ASTM D 790-10 (PROCEDURE A)
Izod Unnotched Impact Strength	50 J/m C (complete break)	ASTM D4812-11
Shore Hardness	D/74/1	ASTM D2240-05 (2010)
Tensile Strength	19.4 MPa	ASTM D638-10
Water Absorption	1.54%	ASTM D570-98 (2010)

For Deck Board Model : P 805 / CTWOOD

Property	Result	Test Method
Tensile Strength, MPa	21	ASTM D 638
Elongation at Break , %	6	ASTM D 638
Water Absorption, %	0.25	ASTM D 570
Nail Withdrawal Test, N	105	ASTM D 6117
Screw Withdrawal Test, N	312	ASTM D 6117



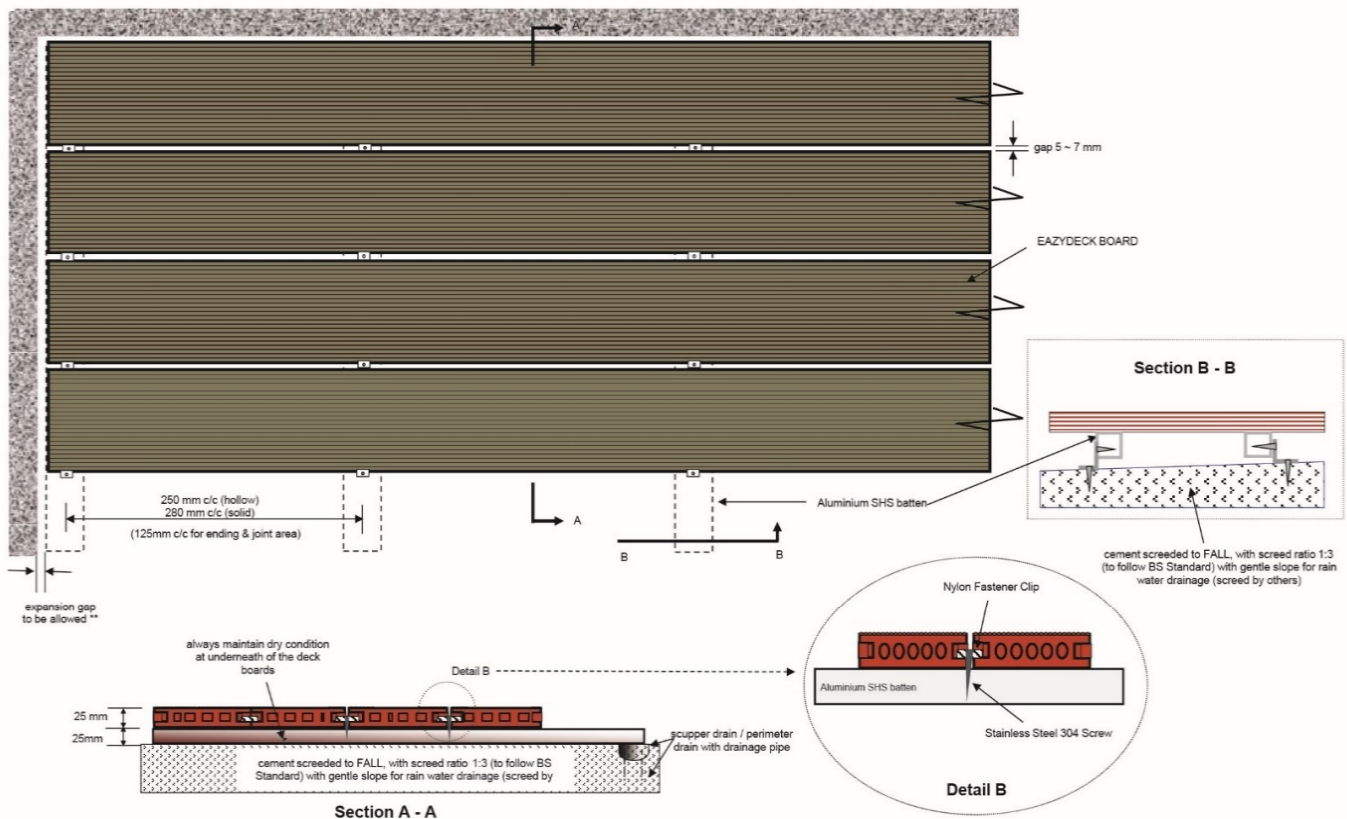
General guide to install decking

Step 1	Install the joists.	model	span	Step 2	When install the first decking board, fix the starter clips onto the joists first.			
	<table border="1"> <tr> <td data-bbox="470 493 633 598">  </td> <td data-bbox="633 493 706 598">Square</td> <td data-bbox="706 493 803 598">250 mm</td> </tr> <tr> <td data-bbox="470 598 633 703">  </td> <td data-bbox="633 598 706 703">Solid</td> <td data-bbox="706 598 803 703">250 mm</td> </tr> </table>		Square	250 mm		Solid	250 mm	
		Square	250 mm					
	Solid	250 mm						
<p>Step 3</p> <p>Insert the toothed side of clips into the side channel of decking board. locking clip should be insert only in the middle of each decking board and then use the fastener for the rest.</p> 	<p>Step 4</p> 	<p>Step 5</p> <p>Put the other decking board. If the boards need to extend, need to leave a 5mm gap between them.</p> 	<p>Step 6</p> <p>Screw the clips from top to lock the decking board tight to the joists, then repeat step 3 to step 6.</p> 					

DECKING SYSTEM INSTALLATION DETAIL (TYPICAL)

Specification Descriptions

To supply & Install EAZY DECK SYSTEM comprise of PE-WPC/ PVC-WPC deck boards [125~150mm (W) x 22~25mm (thk.) x 2,000~2,800mm (L)], SS304 screws fixed with nylon fastener clip onto aluminium SHS battens [25 x 25mm or 38 x 38mm c/c only]; all



Important remarks:

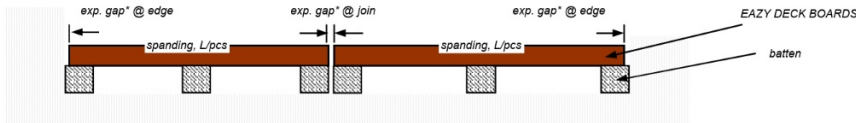
1. Above illustration only serve as a brief understanding on the installation concept, not for construction purposes. More specific details i.e. edge terminations, deck boards joining patterns e.t.c. to be finalised, as according to clients' requirements & site condition.
2. The spacing of the battens and expansion gap allowance are subject to type of the deck boards selected.
3. It is important to seek for **EAZYWOOD** representatives' technical advices before proceed the installation. The materials manufacturer warranty is effective ONLY if it's installed according to manufacturer specific advices.

EAZYWOOD Composite Decking System Installation Guide (general)

Wood plastic composite (WPC) material generally having its unique characteristics and features, where generally vary from natural timber or other materials. It is very important to understand it and to install the products with the most appropriate method and specification. This Installation Guide only serve as a general references, kindly refer to the EAZYWOOD suppliers/manufacturer specific advices on special conditions, if any.

1. Thermal expansion

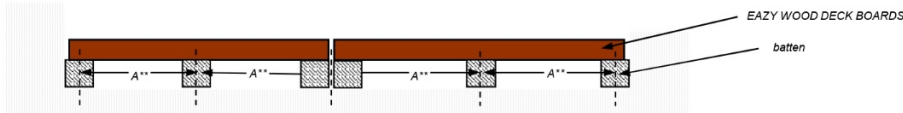
- WPC material will subject to thermal expansion when exposed to high moisture and/or temperature, therefore **expansion gap to be allowed** at deck boards' joint & end point as illustrated below,



*exp. gap** - the size of expansion gap depend on the total spanning length (L)/pcs involved and also type of WPC deck boards. To verify with EAZYWOOD in detailed before installation.

2. Distance of battens for the EAZYWOOD deck boards

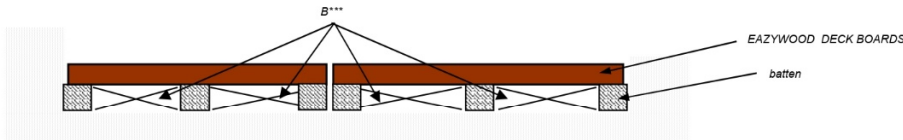
- WPC material is having higher tensile ability generally compared to natural timber. Therefore, sufficient numbers of supports underneath a deck board is a must.



*A*** - the battens shall distanced not more than 250 mm c/c, 125 mm c/c for ending or joint area. Additional battens to be added whenever deems considered necessary.

3. The spaces underneath the EAZYWOOD deck boards must maintain dry without long term water ponding. The rain water must be drained out effectively.

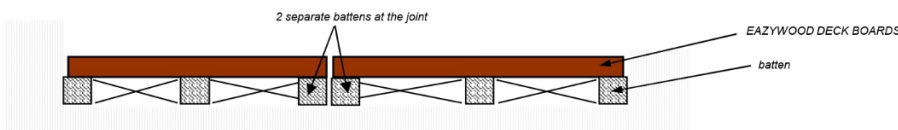
- EAZYWOOD deck boards must not installed or laid directly on the floor without battens.



*B**** - No long term water ponding underneath the decking.

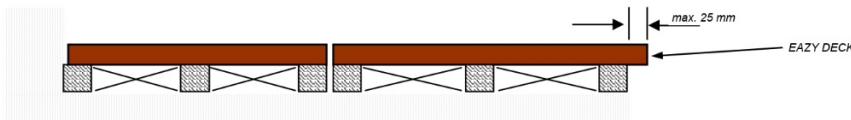
4. Two separate battens at deck boards joining area

- to ensure all batten's level are the same is important.



5. EAZYWOOD deck board at cantilever / overhang condition - not longer than 25 mm.

- If EAZYWOOD deck boards at the edge of it in "cantilever" or "over-hang" condition, the involved length shall not more than 25 mm.



6. EAZYWOOD WPC materials is not fungus, mold and algae proof product.

The fungus, mold or algae may or may not grow on the it, subject to the moisture content and dampness condition at where the deck is built.

7. Create open-able panel using EAZYWOOD deck boards

The EAZYWOOD deck boards must be fixed on a "rigid, strong and stable" support framing, i.e. metal material which the members are welded into a framing design, with allow the deck boards to be fastened 250 mm c/c.

- 8. Cement screeded to FALL, before battens installation.** The cement screed thickness must be min. 50 mm thk. , with the ratio @ 1 : 3 (comply to BS Standard).

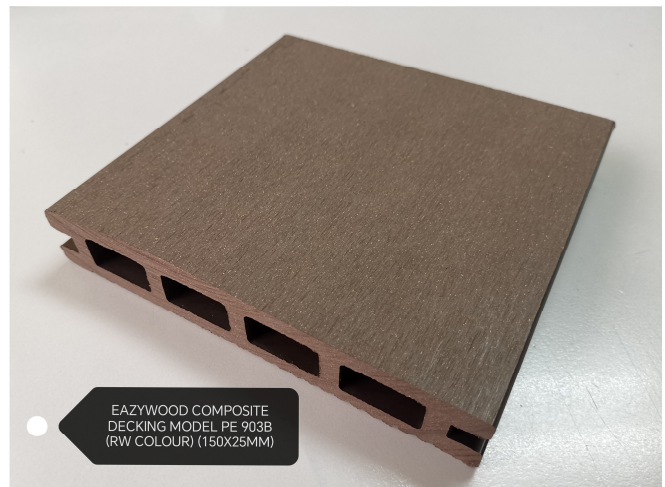
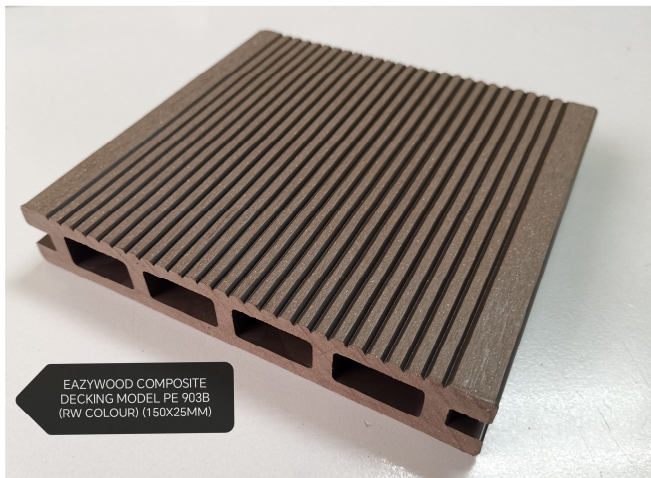
Remarks ;

all specifications suggested are based on normal decking usage condition, kindly counter check with the supplier / manufacturer for use under special conditions.



www.eazywood.com.my

DECKING MODELS "PROJECT HOLLOW"



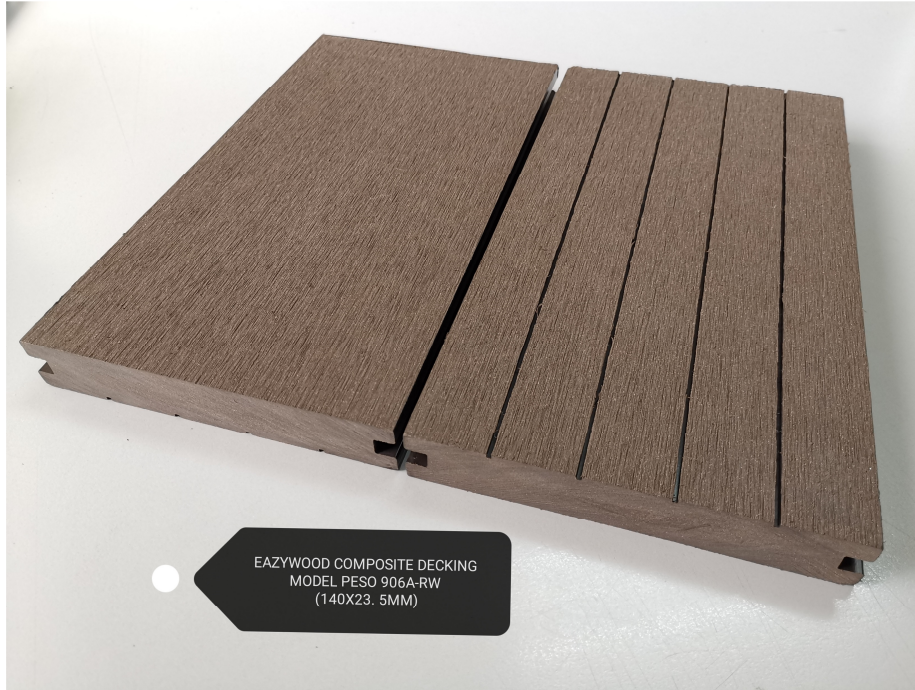
DECKING MODELS "PREMIUM RUSTIC HOLLOW"



DECKING MODELS "PREMIUM RUSTIC HOLLOW"



DECKING MODELS “PROJECT SOLID”



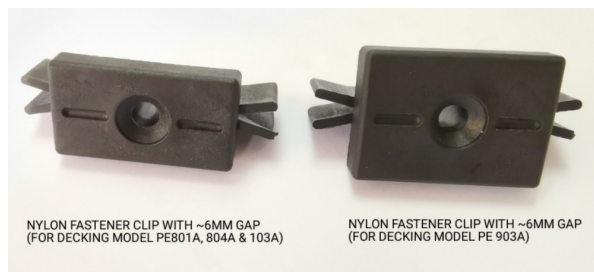
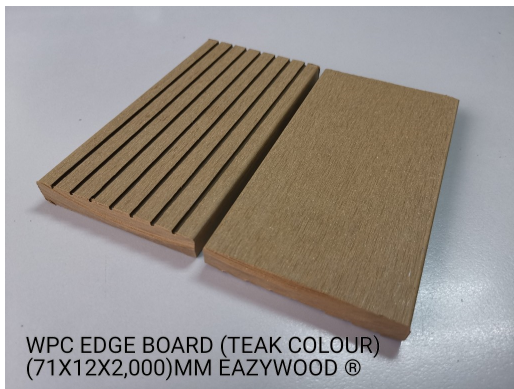
DECKING MODELS “PREMIUM HOLLOW WITH WOOD-GRAINED”

DECKING MODELS “PREMIUM PLUS HOLLOW ”DWI COLOUR SERIES ”



EAZYWOOD COMPOSITE
DECKING MODEL PECX 907
(T /W) (140X22X2,000MM)

EDGE BOARD (FOR DECKING TERMINATION PURPOSES) & ACCESSORIES



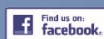


 info@easywood.com.my

 www.easywood.com.my



search for "EAZY WOOD"



www.facebook.com/EAZYWOODMALAYSIA

EASY WOOD SDN. BHD. (877688-W)

MULTI PLANK SDN. BHD. (913566-M)

No. 8, Jalan TPP 5/17, Taman Perindustrian Puchong, 47160 Puchong, Selangor, Malaysia.

Tel : +603 8090 9936 / +6012 487 3050 (admin / account)

EASY WOOD (PENANG) SDN. BHD. (847806-X)

No. 6 & 8, Lorong IKS Bukit Tengah, Taman IKS Bukit Tengah, 14000 Bukit Mertajam, P.Pinang.

Tel : +6012 401 0488 / +6012 427 3050 / +6012 488 3050