



**EAZYWOOD**

[www.easywood.com.my](http://www.easywood.com.my)

**PIONEER & SPECIALIST**  
IN COMPOSITE TIMBER PRODUCTS

**COMPOSITE WOOD DECKING**



Since Year 2004

# ABOUT US



**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, Philipines, 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.

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

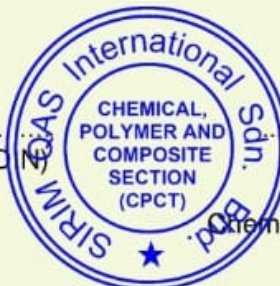
Job No. : J20233670981

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 NORDIN)  
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.8, Jalan TPP 5/17, Taman Perindustrian Puchong 47160 Puchong, Selangor Malaysia

the right to use the Singapore Green Label for

**Eazy Wood Composite Decking WPC**  
**064-082-4366**

**Environmentally Preferred Flooring Products**

(In accordance to SEC Green Label Category 64: Flooring Products)

Validity: 20 January 2025 to 19 January 2027

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Cheang Kok Chung  
Executive Director



**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

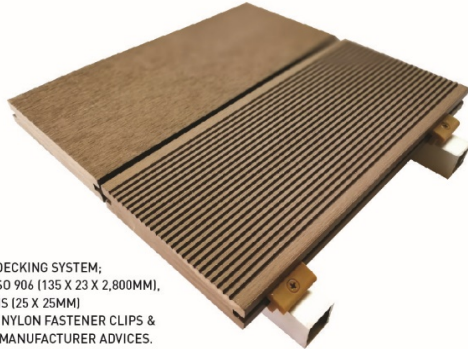


# COMPOSITE DECKING

- 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







E&O HOTEL  
PENANG

# COMMERCIAL PROJECTS



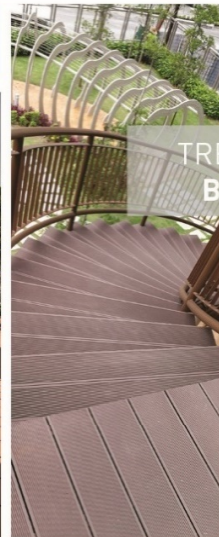
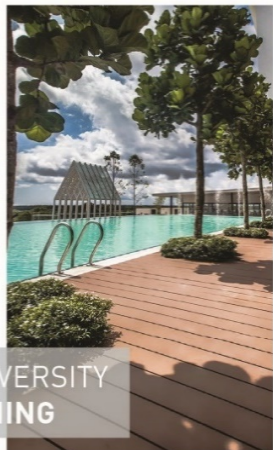
PERDANA BROAD WALK  
LANGKAWI



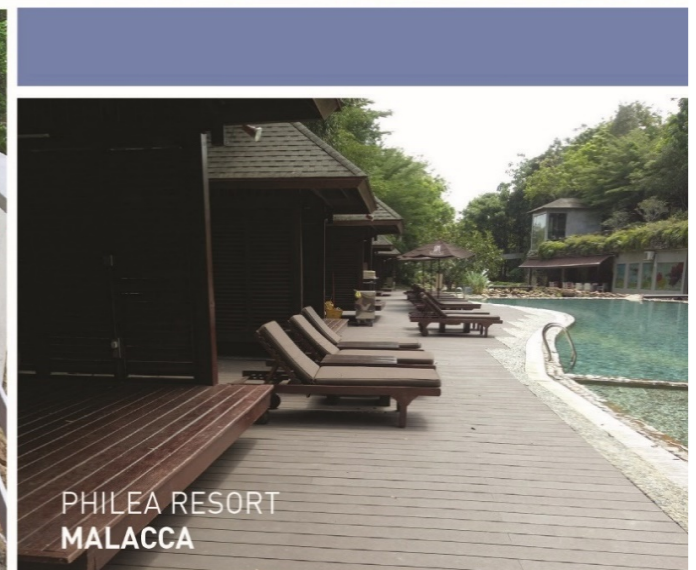
TREE HOUSE  
BANGSAR



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**



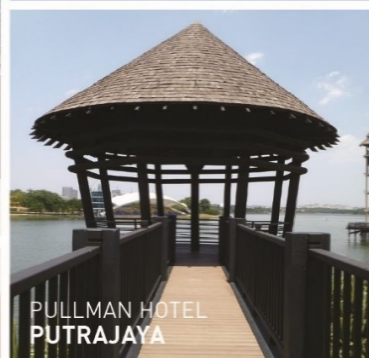
**THE HERRITAGE HOTEL  
MALACCA**



**RITZ CALTON RESIDENCE  
KUALA LUMPUR**



**THE HENG CONDO  
KEPONG**



**PULLMAN HOTEL  
PUTRAJAYA**



**SAUJANA GOLF RESORT  
SUBANG**





TITIWANGSA SENTRAL  
CONDO, KUALA LUMPUR



ALL SEASON PALACE  
CONDO, PENANG



THE ELEVIA  
PUCHONG



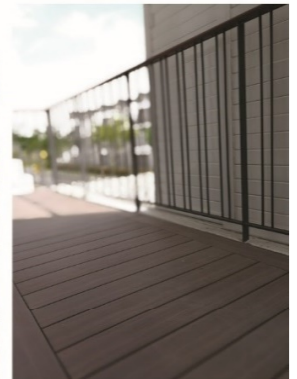
SETIA SKY RESIDENCE  
KUALA LUMPUR



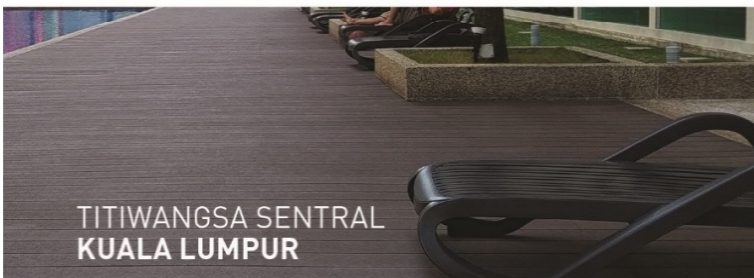
THE HORIZON HILL  
NUSAJAYA, JOHOR



EMERALD BAY  
PUTERI HARBOUR JOHOR



VERVE SUITES  
MONT KIARA



TITIWANGSA SENTRAL  
KUALA LUMPUR





PRIVATE BUNGALOW  
MALACCA

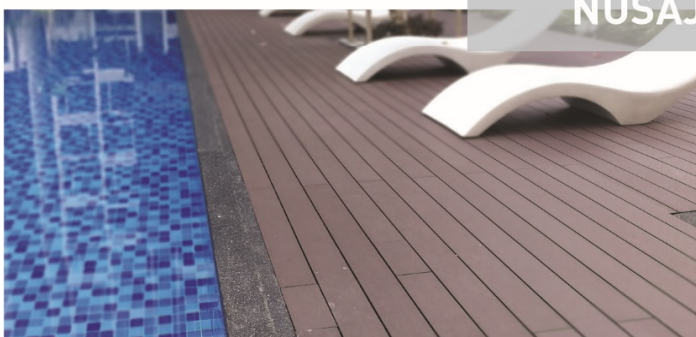


PRIVATE BUNGALOW  
DAMANSARA, PJ

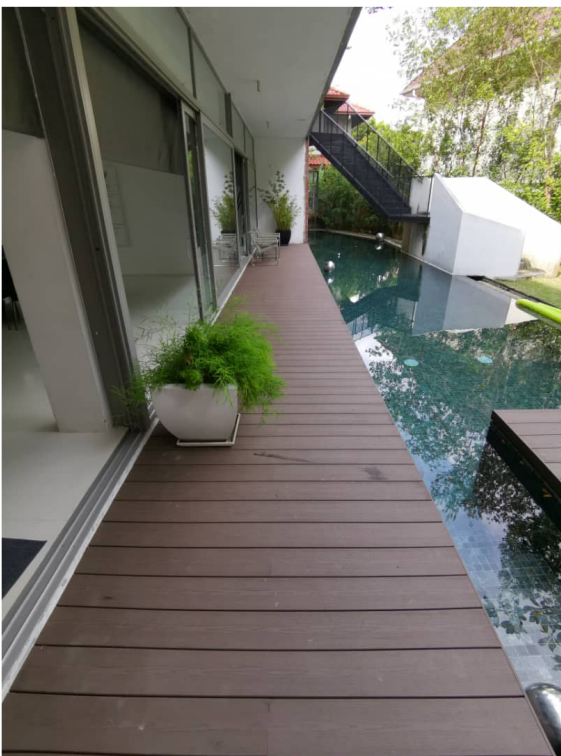
## RESIDENTIAL PROJECTS



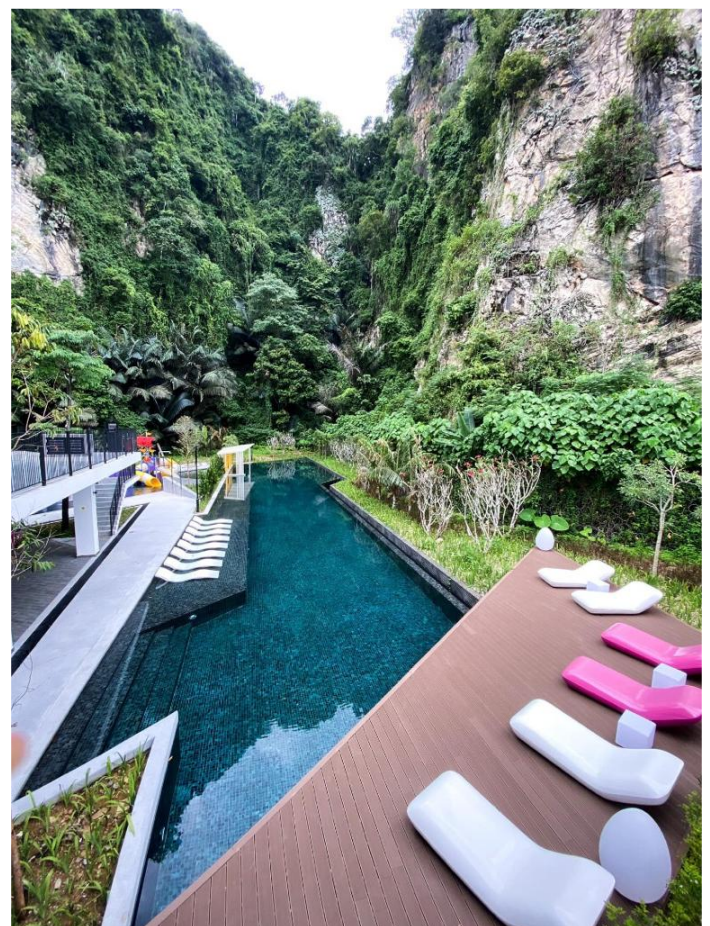
ECONEST CONDO  
NUSAJAYA, JOHOR







## RESIDENTIAL PROJECTS







PRIVATE BUNGALOW  
MALACCA

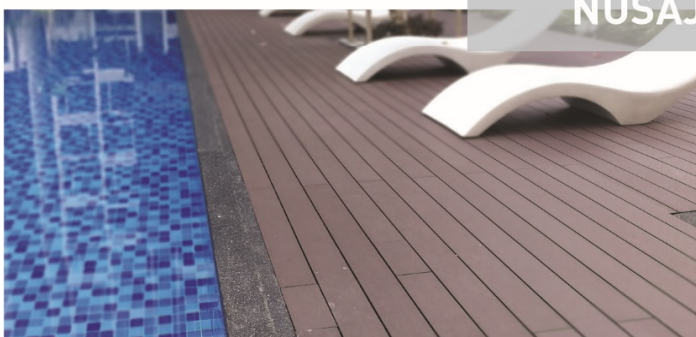


PRIVATE BUNGALOW  
DAMANSARA, PJ

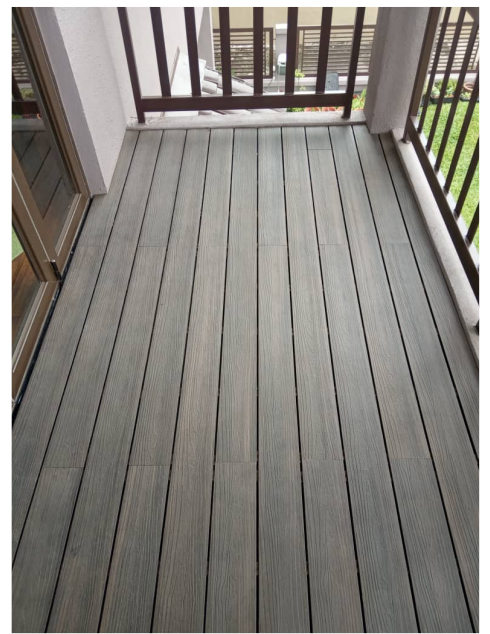
## RESIDENTIAL PROJECTS



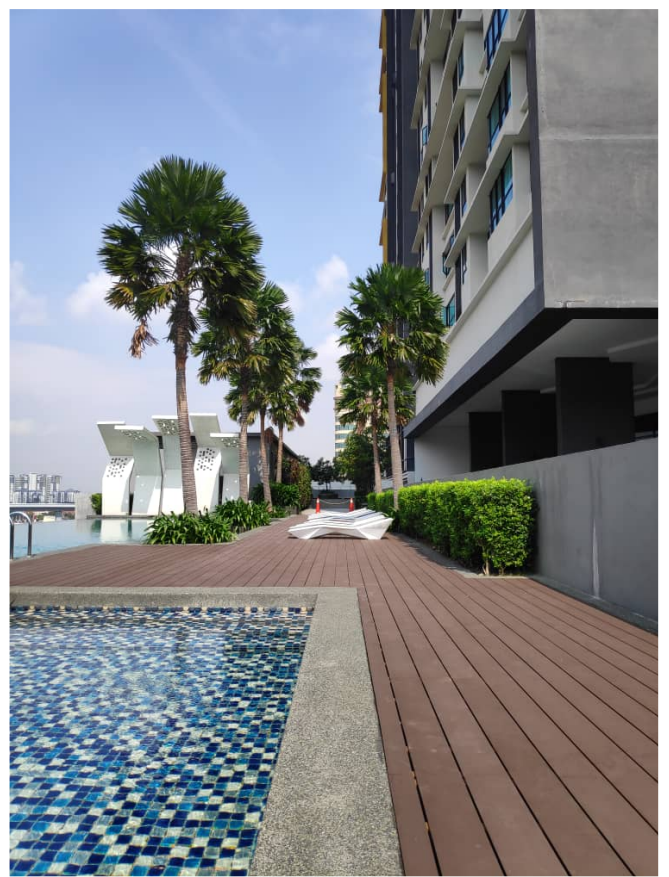
ECONEST CONDO  
NUSAJAYA, JOHOR







# RESIDENTIAL PROJECTS







# RESIDENTIAL PROJECTS





## Material Properties

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







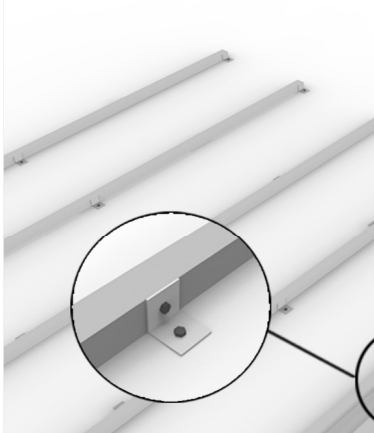
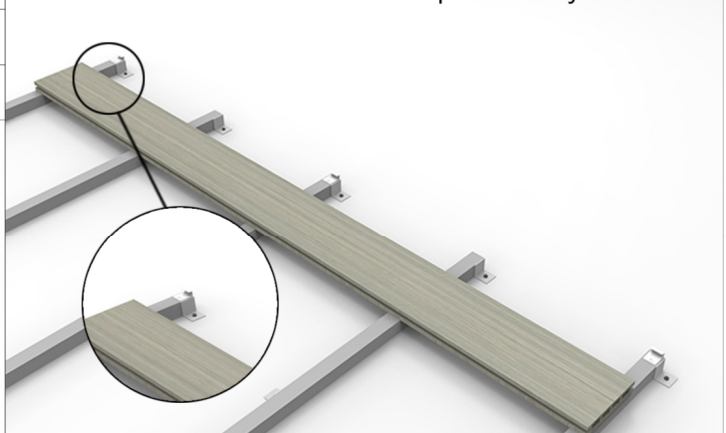
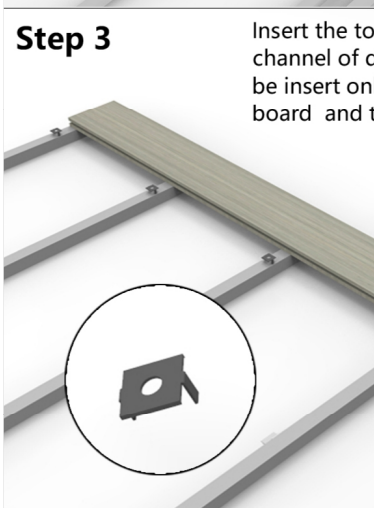
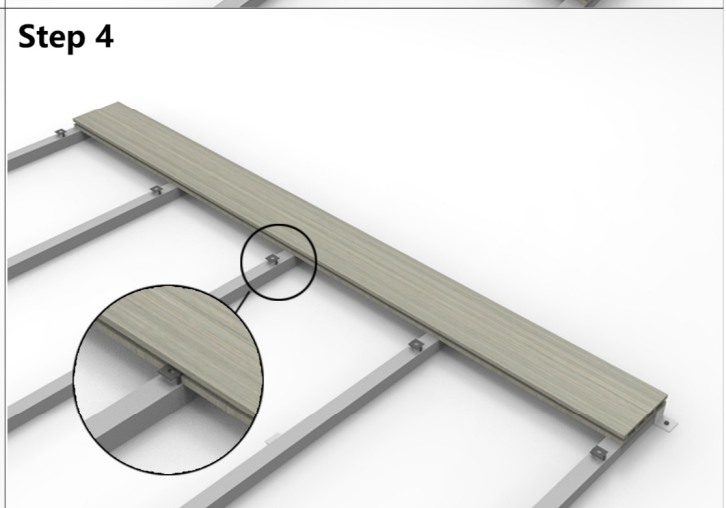
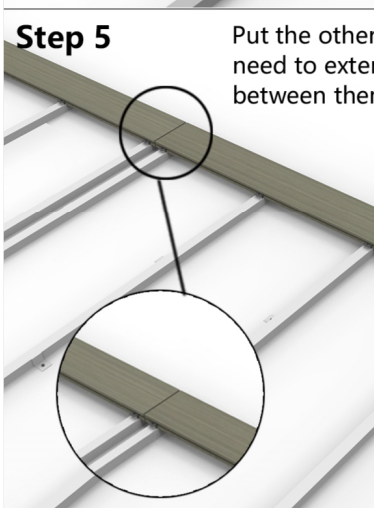
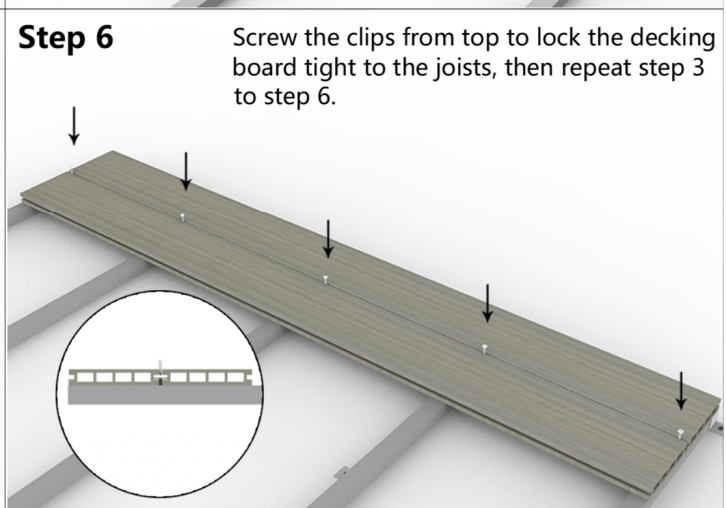
Property	Result	Test Method
Specific Gravity	1.32 g/cm <sup>3</sup>	ASTM D792-13 METHOD B
Flexural Test (Strength)	31.8 MPa	ASTM D 790-10 (PROCEDURE A)
Flexural Test (Modulus)	4660 MPa	ASTM D 790-10 (PROCEDURE A)
Izod Unnotched Impact Strength	50 J/m C (complete break)	ASTM D4812-11
Shore Hardness	D/74/1	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

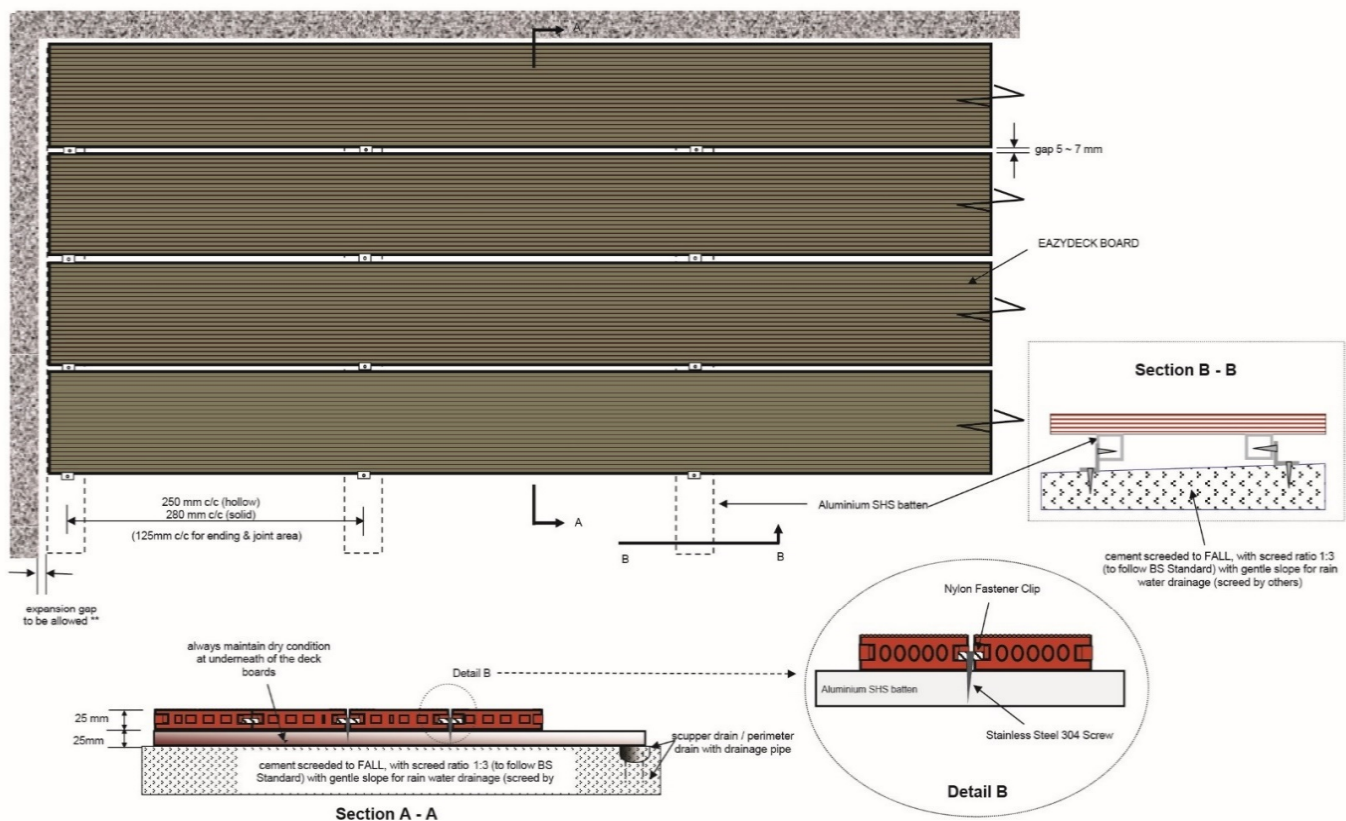
Step 1	Install the joists.	<table border="1"> <thead> <tr> <th>model</th> <th>span</th> </tr> </thead> <tbody> <tr> <td> Square</td> <td>250 mm</td> </tr> <tr> <td> Solid</td> <td>250 mm</td> </tr> </tbody> </table>	model	span	 Square	250 mm	 Solid	250 mm	Step 2
model	span								
 Square	250 mm								
 Solid	250 mm								
		<p>When install the first decking board, fix the starter clips onto the joists first.</p> 							
<p><b>Step 3</b></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><b>Step 4</b></p> 							
<p><b>Step 5</b></p> 	<p>Put the other decking board. If the boards need to extend, need to leave a 5mm gap between them.</p>	<p><b>Step 6</b></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.

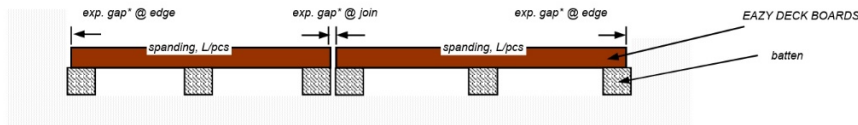


## EAZYWOOD Composite Decking System Installation Guide (general)

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

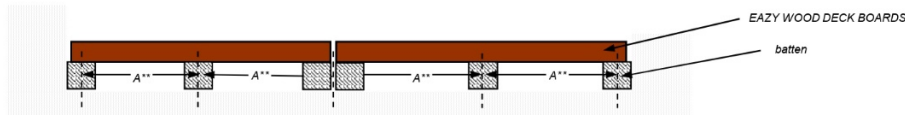
- WPC material will subject to thermal expansion when exposed to high moisture and/or temperature, therefore **expansion gap to be allowed** at deck boards' joint & end point as illustrated below,



*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

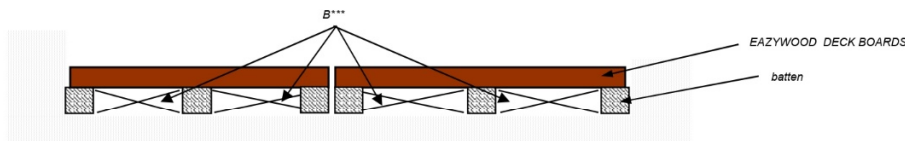
- WPC material is having higher tensile ability generally compared to natural timber. Therefore, sufficient numbers of supports underneath a deck board is a must.



*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.

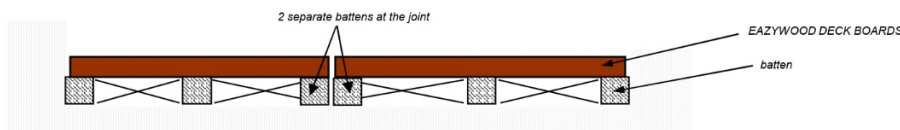
- EAZYWOOD deck boards must not installed or laid directly on the floor without battens.



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

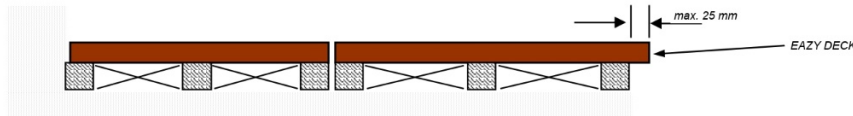
### 4. Two separate battens at deak boards joinning area

- 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 ;

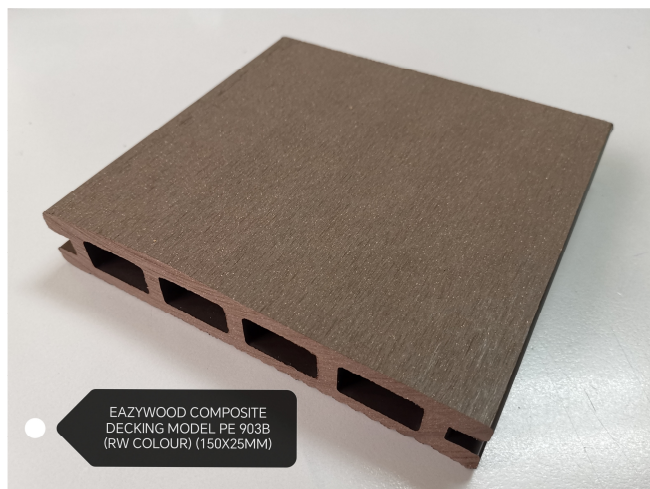
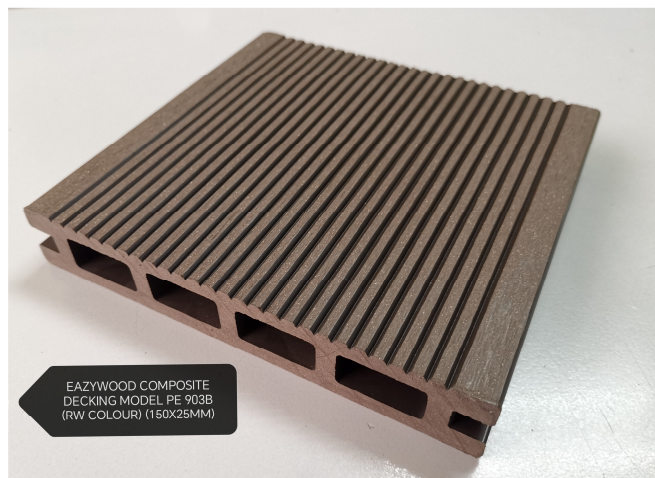
all specifications suggested are based on normal decking usage condition, kindly counter check with the supplier / manufacturer for use under special conditions.



www.easywood.com.my



## DECKING MODELS “PROJECT HOLLOW”



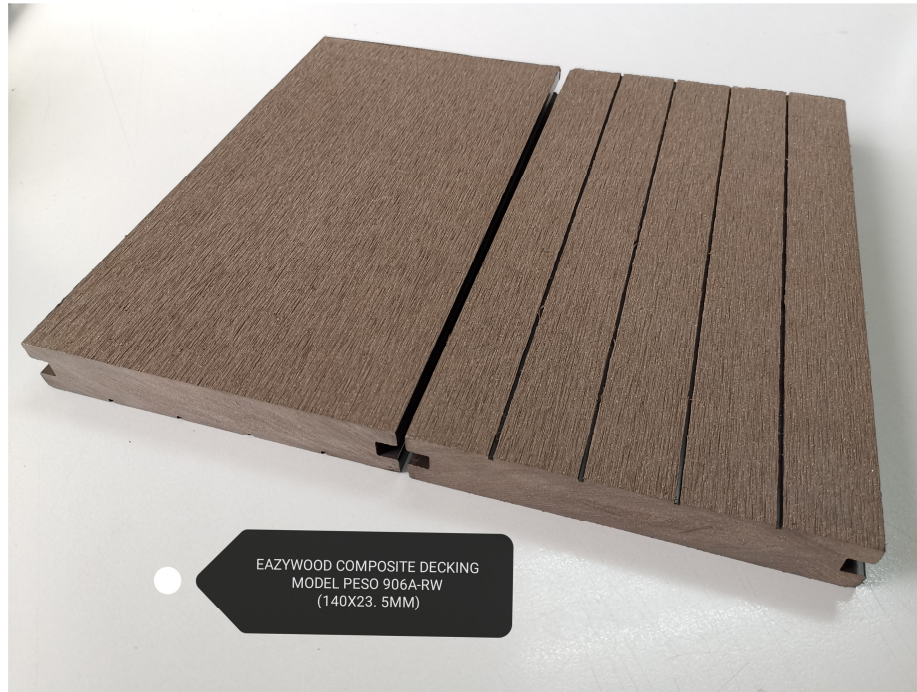


## DECKING MODELS “PREMIUM RUSTIC HOLLOW”





## DECKING MODELS “PROJECT SOLID”



## DECKING MODELS “PREMIUM HOLLOW WITH WOOD-GRAINED”

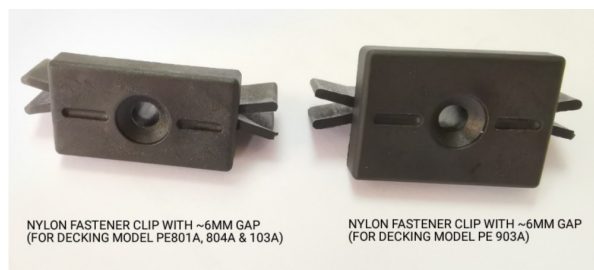
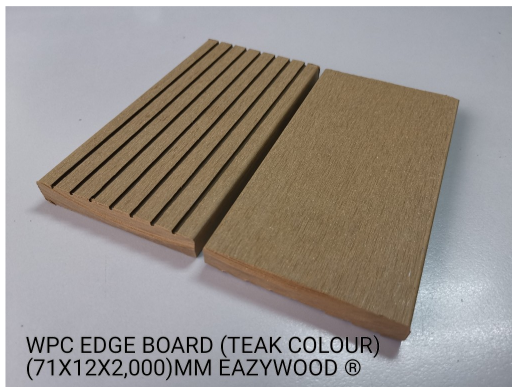


## DECKING MODELS “PREMIUM PLUS HOLLOW ”DWI COLOUR SERIES ”






## EDGE BOARD (FOR DECKING TERMINATION PURPOSES) & ACCESSORIES







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 [www.easywood.com.my](http://www.easywood.com.my)



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[www.facebook.com/EazyWoodMalaysia](https://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