



PRIMA LAGUNA SDN BHD

COMPANY PROFILE

PRIMA LAGUNA SDN BHD (827182-U)

12, Jalan PP 2/4, Taman Putra Prima, 47130 Puchong, Selangor.

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Web Site : www.primalaguna.com



PRIMA LAGUNA SDN BHD

About Us



Prima Laguna® is main marketer for the composite wood local manufacturer in Malaysia. With the full support of manufacturer and provided us opportunity to gain more knowledge and experience in this industry. Now we are specializing in the supply & installation of low-maintenance high quality and long lasting WPC (Wood Plastic Composite) range product used for ceilings, wall panels, and decking. Our Products had been thoroughly tested in local and international certified laboratories to ensure we can offer our customers a safe, environmentally friendly, product. We cater to both residential and commercial properties and have a wide portfolio of completed projects.



What is composite Wood ?

Material

Composite wood is composed of bio-composite material i.e. rice husk and pure PVC resin & waste plastics.

Technology

Advance composite technology (Europe), Extrusion method.

3-R Ideology

Re-use ~ We re-use bio-waste to achieve better environmental preservation.

Re-cycle ~ Our products are recyclable.

Re-place ~ Our products as alternative replacement to existing one where they involved higher cost (construction & long term maintenance)



Why Composite Wood Environmental Friendly?

Re-Use

- Raw Material – Pure PVC resin (from petroleum component) + Bio waste (i.e. Rice husk)
- By Re-use bio-waste > reduce trees cutting & air pollution (open burning rice husk)

Re-Cycle

- Collect back products wastage generated from customer and regrind in to powder form.
- Mix a very minimum percentage (~5 – 10%) into new material for production (Recycle process)

Re-place

- To certain extend, products are able to Replace those related conventional building materials, which it is not the environmental friendly products and may generate excessive energy that harmful to the earth
- Due to products features of the termite free, water resistant, never rot & splinter, life span is generally longer that conventional material, i.e natural timber, therefore, energy generating for long term maintenance process is relatively lower.



Why Composite Wood?

- Cost Savings
- Termite Free
- Water Resistant
- Never rot & splinter
- Pre-finished Surface
- Environmental Friendly
- Minimum/Free Maintenance
- Workability like natural timber, no special tools required





Composite Wood Vs natural wood (i.e. ceiling Strip)

Characteristic	Composite Wood	natural wood
Quality consistency	Yes (by manufacturing, QA, QC)	No (natural resources)
Prices & Supplies consistency	Yes (by manufacturing, controllable)	No (subject to availabilities)
Sanding, Painting & Varnishing Preparation	Not required (pre-finished surface)	Required
Process time	Shorter (Factory → User)	Longer (Forest → Sawmill → User)
Eco-friendly	Yes (made from bio-waste)	No (reducing natural resources)
Installation Method	C-Channel suspension system (similar to plaster ceiling method)	Conventional carpentry method
Installation Cost	Range : RM 1.50 – RM 2.50/SF	Range : RM 3.50 – RM 4.50/SF
Installation Speed	Faster (able to complete within a day)	Slower (unable to complete within a day, due to painting / varnishing required)
Termite resistance	Excellent	Depends on wood species or additional treatment required
Long term maintenance cost	Very low	re-varnishing works required



SIRIM (tested to ASTM Standard)



Plastics Technology Group
Plastics & Ceramics Programme
SIRIM Berhad
(CoM Party No. 267474-V)
Tel: (603) 55446031/40 Fax: (603) 55446039

CONFIDENTIAL

EVALUATION REPORT

Title: Evaluation of "CT Wood Premier Door Frame"
Report No.: PTC/ER04/425
Date: 10 December 2004
Project No.: P04491
Sample: CT Wood Premier Door Frame
Company Name: Composite Technology Wood Sdn. Bhd.
Address: 11A, (1st Floor) Jalan Kelisa Emas 1
Taman Kelisa Emas
13700 Seberang Jaya
Pulau Pinang.

Evaluated by:

Rendi Ahad

Checked by:

Dr Norzalia Sulaiman



Approved by

Dr Ahmad Fuzad Md Yusof
Head
Plastics & Ceramics Programme



REPORT NO.:	PTC/ER04/425	
TOTAL NO. OF PAGES: 3	PAGE: 3	
This report is NOT a Quality Assurance Certificate NOR an Approval Permit. This report covers only samples submitted by the client. This report shall not be published/advertised in part or in full, without prior written approval from SIRIM Berhad.		

Results:

CT Wood

No.	Property	Result	Test Method
1	Tensile Strength at Break, MPa	35.1	ASTM D 638: 2001 Crosshead speed: 5 mm/minute Specimen type: Dumbbell Type I Gauge length: 50 mm
2	Elongation at Break, %	3	
3	Tensile Modulus, MPa	2,730	
4	Water Absorption, %	0.48	ASTM D 570: 1998
5	Nail & Screw withdrawal Test		ASTM D 6117: 1997 Crosshead speed: 2.5 mm/minute
	a) Nail Withdrawal, N	112	
	b) Screw Withdrawal, N	414	





The Singapore Green Labelling Scheme hereby certifies

Composite Technology Wood Sdn Bhd

for

CT WOOD - WOOD PLASTIC DECKING BOARD

043-013-1297

"Product Made From At Least 50% Recycled Content"

Date of Expiry: 15 July 2013

A stylized signature in black ink, consisting of a large, sweeping 'J' and 'R' that intersect.

JOSE RAYMOND
Executive Director
Singapore Environment Council



Use iGepir app on smartphone
to authenticate the certificate



PRIMA LAGUNA SDN BHD



Composite Wood Green Label Certificate
(Environmental Eco-Friendly Green Product, tested by Germany Standard TÜV SÜD)



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Products Range

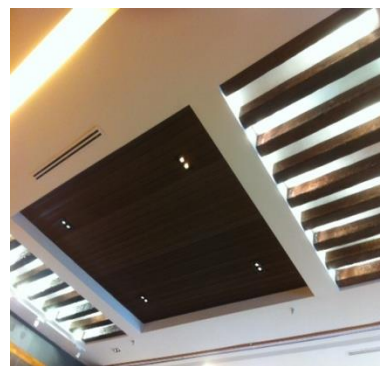




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Ceiling Strip @ over-hang / roof eave area

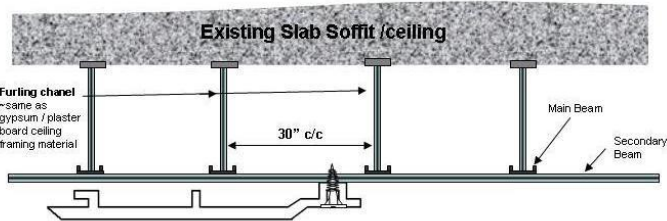
- **External** - most suitable for steel roof truss / shingle roof tile system
- **Internal** - mixing with plaster ceiling as exclusive designs
- Initial & long term **cost savings**, due to,
 - ✓ installation method similar to plaster ceiling, cheaper compared carpentry method
 - ✓ effective width 4", easy material calculations → minimum wastages
 - ✓ pre-finished surface, no need further painting
 - ✓ smart design T&G system (screws hidden), no need further patching
 - ✓ very minimum maintenance, no need further varnishing
 - ✓ termite free & water resistant, no termite/insect treatment required
- **Wood grain designs available***
→ Vienna Walnut, Burma Teak, Golden Teak, Amazon Cherry, Plain White, Cherry, Chestnut e.t.c.
- **Most recommended ceiling area,**





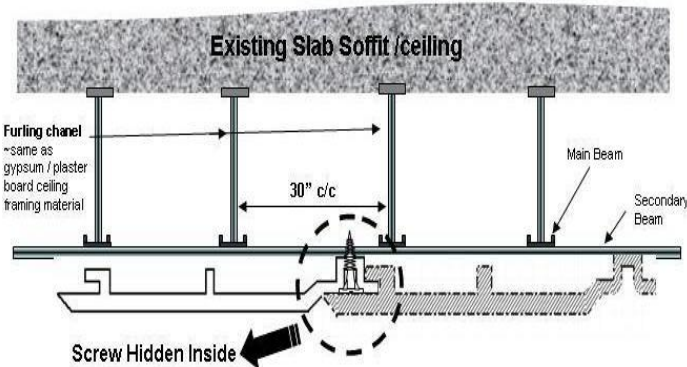
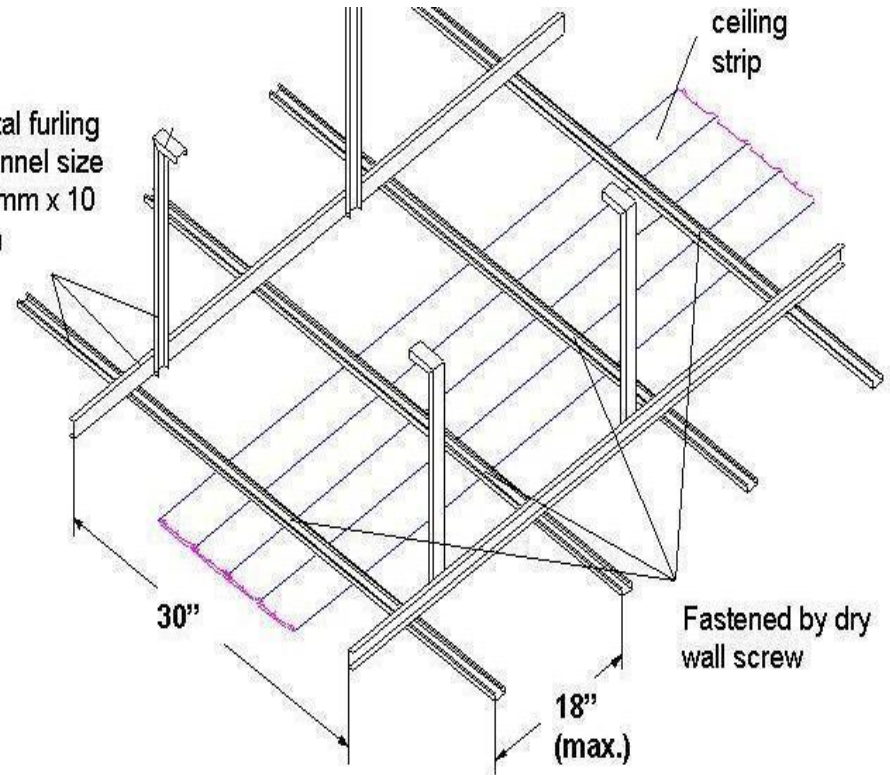
WPC Strips Ceiling Typical Installation Method

Framing System :
Main Beam Spacing : 30" c/c
Secondary Beam Spacing : 16" c/c



STEP 1 Position & screw-tightened the ceiling strip

Metal furling channel size 30 mm x 10 mm



STEP 2 Clip-in another ceiling strip

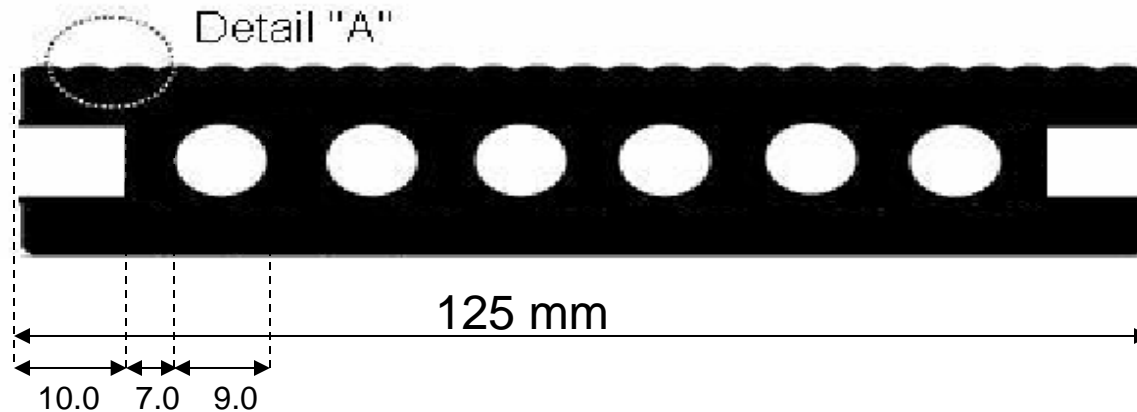
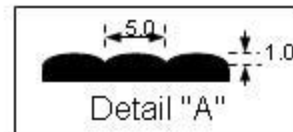


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Decking @ *external*

- never rot and splinter & easy maintenance
- termite free & water resistant
- better friction when in wet condition
- alternative applications; as louvre, stair-plank,

DECK Sectional View



Decking @ turfing area.

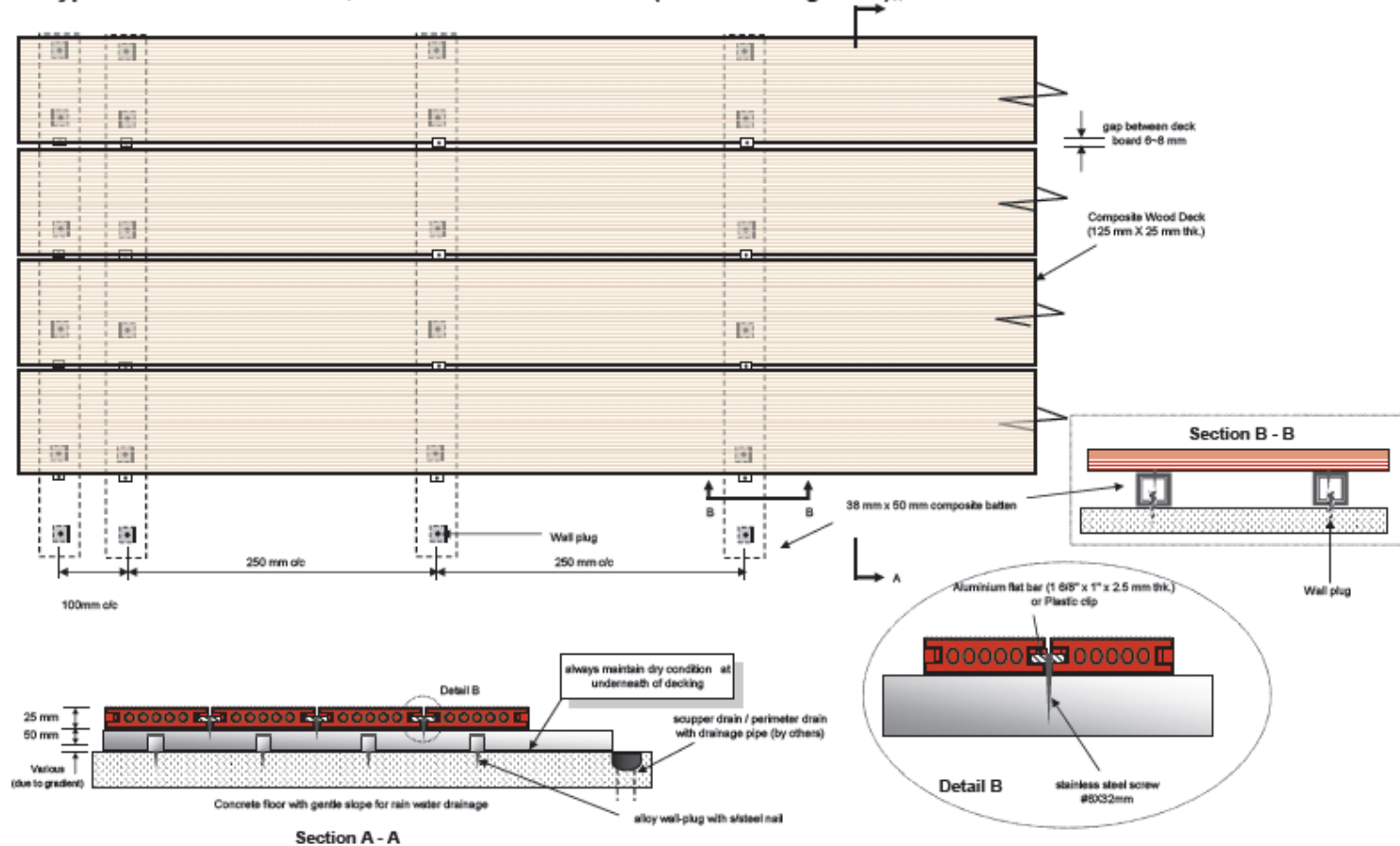


Decking @ fish pond area.



WPC Decking Typical Installation Method

Typical Installation Detail, raise H = 63MM ~ 75MM (from existing floor)_A



* Above illustration only serve as a brief understanding on the installation concept, not for construction purposes. More details i.e. edge finishes, type of coating (on the deck board, if any), e.t.c. to be finalised, as according to clients' requirements & site condition.

* All Wood Plastic Composite (WPC) material subject to thermal expansion situations. Therefore, expansion joint/gap **MUST** be allocated.

* All m/steel material must painted with anti-corrosion paint.

* A solid floor with gentle slope for rain water drainage shall be prepared (by others), before receiving the decking construction.



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Our Completed Jobs

WPC Strips Ceiling



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TELUK WARISAN CHALET, KUALA TERENGGANU.



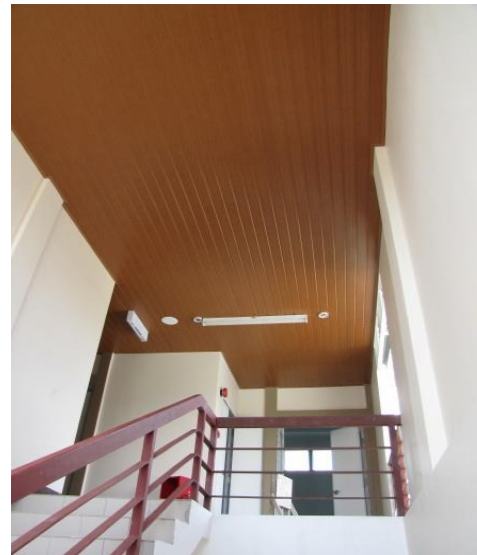
SETIA EKO PARK
MERU, KLANG,
SELANGOR





PRIMA LAGUNA SDN BHD

MASJID AT KEMENTERIAN KESIHATAN MALAYSIA SG BULOH, SELANGOR

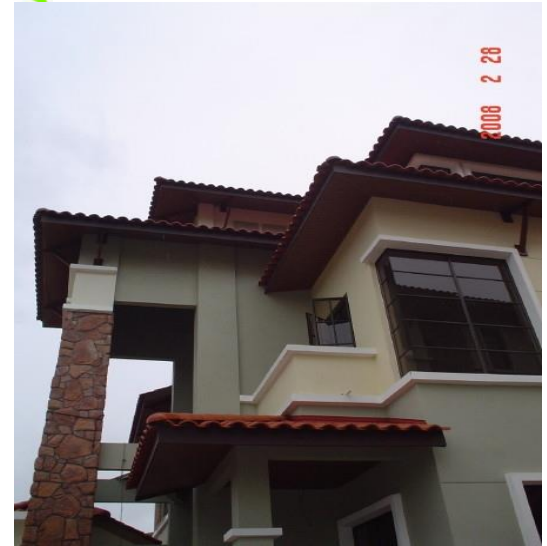


PUSAT LATIHAN UITM KG. GAJAH, PERAK

SP SETIA ~ 16 UNITS EXCLUSIVE BUNGALOW



PRIMA LAGUNA SDN BHD



**BAYAN MUTIARA, 100 UNITS BUNGALOW + 70 UNITS
3STOREY LINK HOUSE, PDC, PENANG**



PRIMA LAGUNA SDN BHD

RESIDENTIAL BUNGALOW AT SUNWAY DAMANSARA & BUKIT TUNKU.



SURAU CEILING, PUTRAJAYA



PRIMA LAGUNA SDN BHD



KOTA DAMANSARA, KUALA LUMPUR





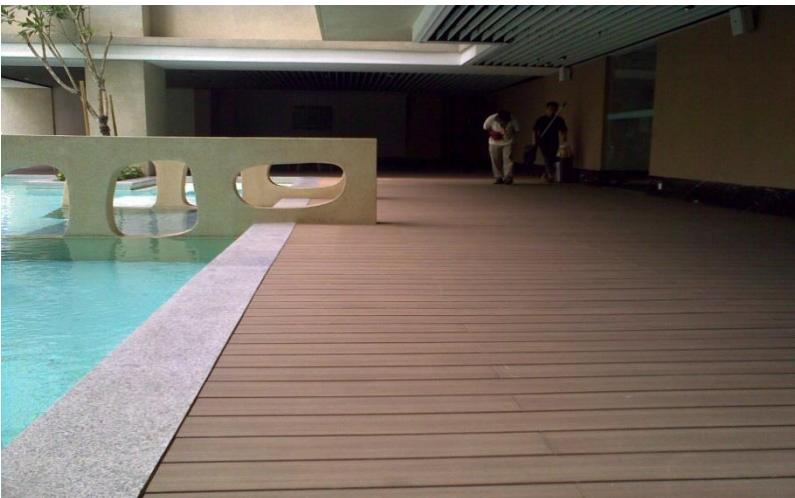
PART OF OUR CEILING PROJECT REFERENCE.

- 1. BAYAN MUTIARA, 100 UNITS BUNGALOW + 70 UNITS 3STOREY LINK HOUSE, PDC, PENANG**
- 2. SURAU CEILING, PRESINT 14, PUTRAJAYA**
- 3. PERAK ROYAL GOLF CLUB, IPOH, PERAK**
- 4. SP SETIA, PHASE 6B 13 UNITS BUNGALOW.**
- 5. RESIDENT BUNGALOW, KAJANG COUNTRY HEIGHT, SELANGOR**
- 6. RESIDENT BUNGALOW, BUKIT TUNKU, KUALA LUMPUR**
- 7. RESIDENT BUNGALOW, DAMANSARA COUNTRY HEIGHT, KUALA LUMPUR**
- 8. MASJID AT KEMENTERIAN KESIHATAN MALAYSIA SG BULOH, SELANGOR**
- 9. PUSAT LATIHAN UITM KG. GAJAH, PERAK**
- 10. OPEN UNIVERSITY, JALAN SALEH HUDDIN, KUALA LUMPUR**
- 11. SULTAN PAHANG OFFICE, AMPANG**
- 12. BERJAYA RESORTS, LANGKAWI**



PRIMA LAGUNA SDN BHD

**G TOWER, TAN & TAN DEVELOPMENT, JALAN TUN
RAZAK, KUALA LUMPUR (GREEN BUILDING)**

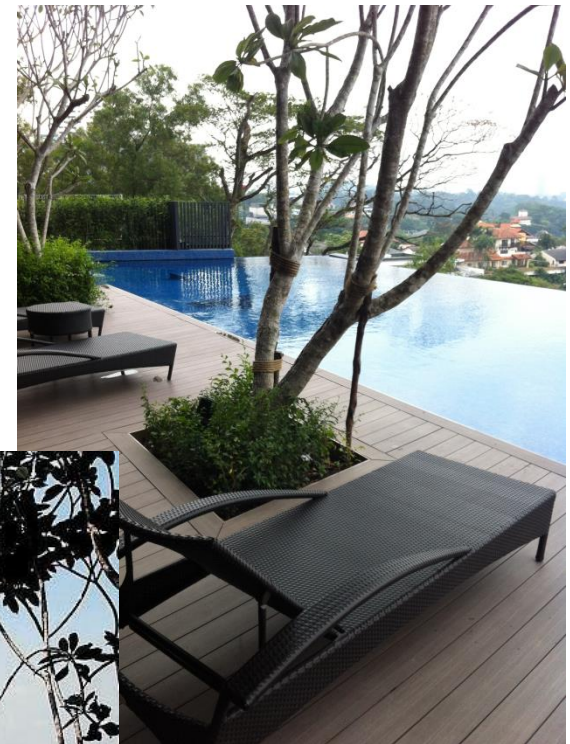
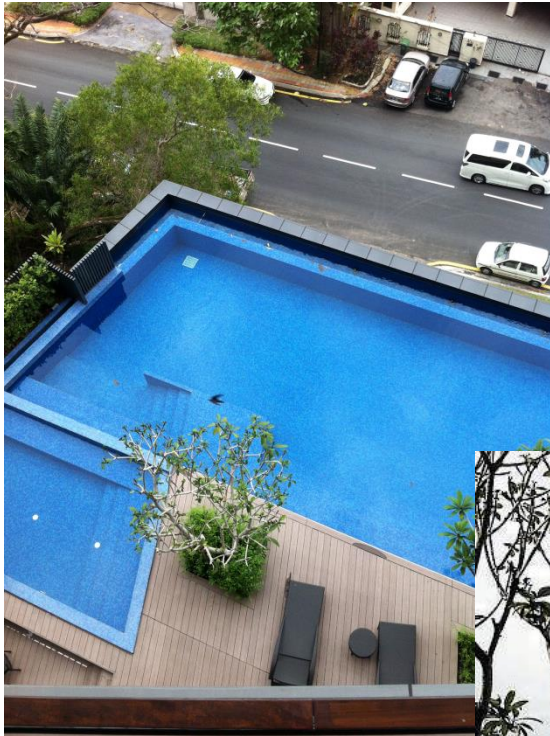


**SINGAPORE MANAGEMENT UNIVERSITY,
SINGAPORE (GREEN BUILDING)**

The Rhombus Bangsar (Green Building)



PRIMA LAGUNA SDN BHD



Perdana Quay, Langkawi



PRIMA LAGUNA SDN BHD

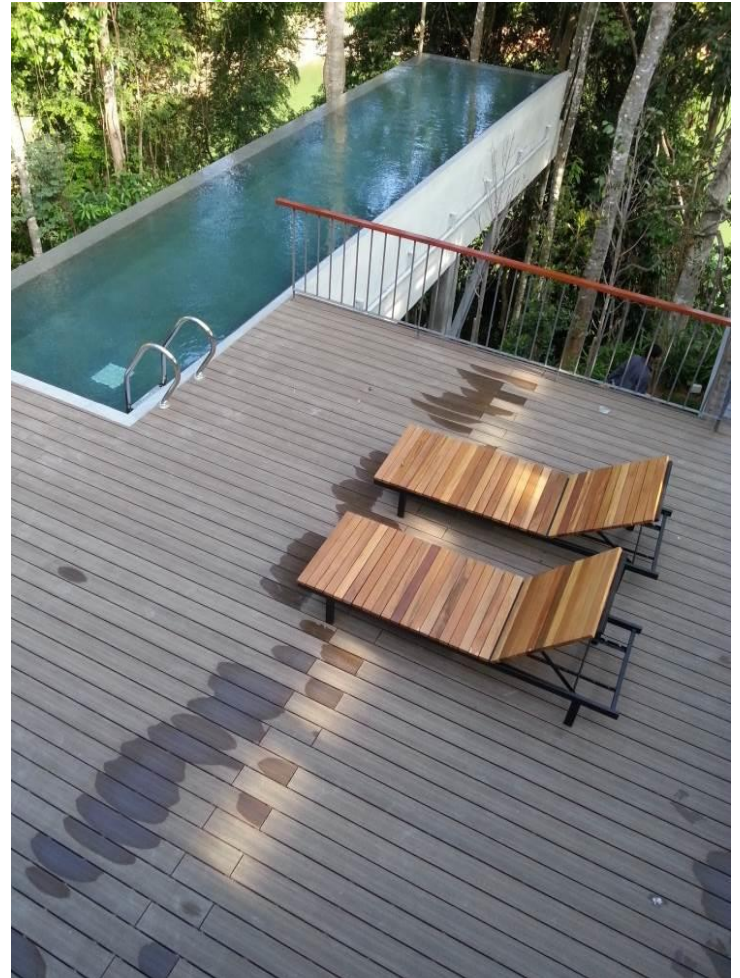


Westin Hotel Langkawi



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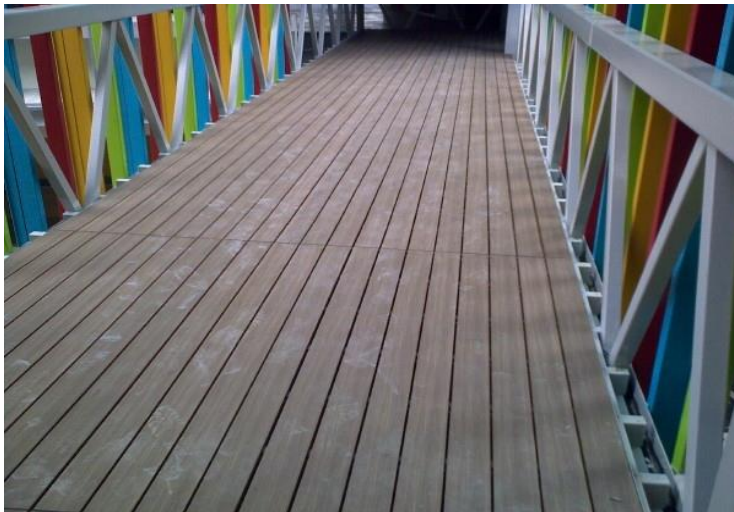
The Belum Forest Resort, Grik





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**LINK BRIDGE DECK, VIVA MALL, BENETON PROPERTIES
SDN BHD, JALAN IPOH, KUALA LUMPUR**

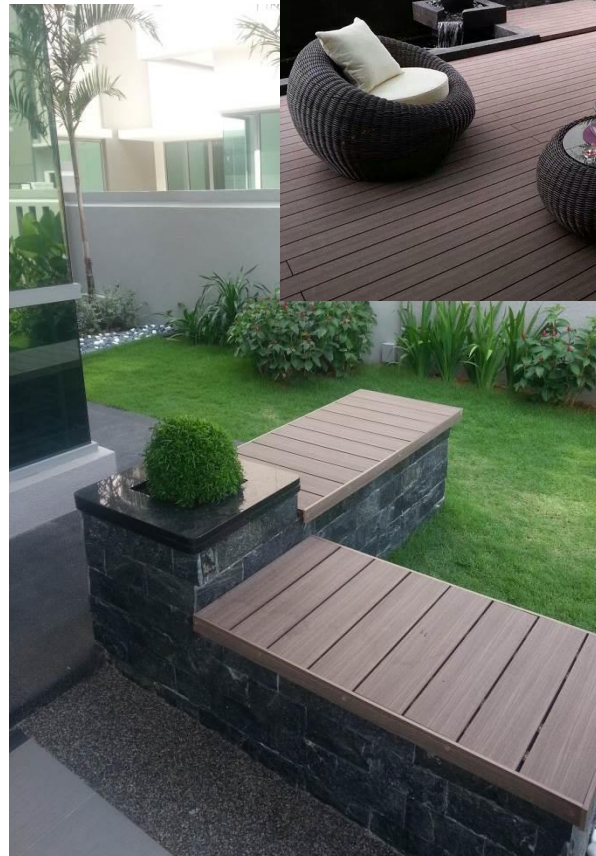
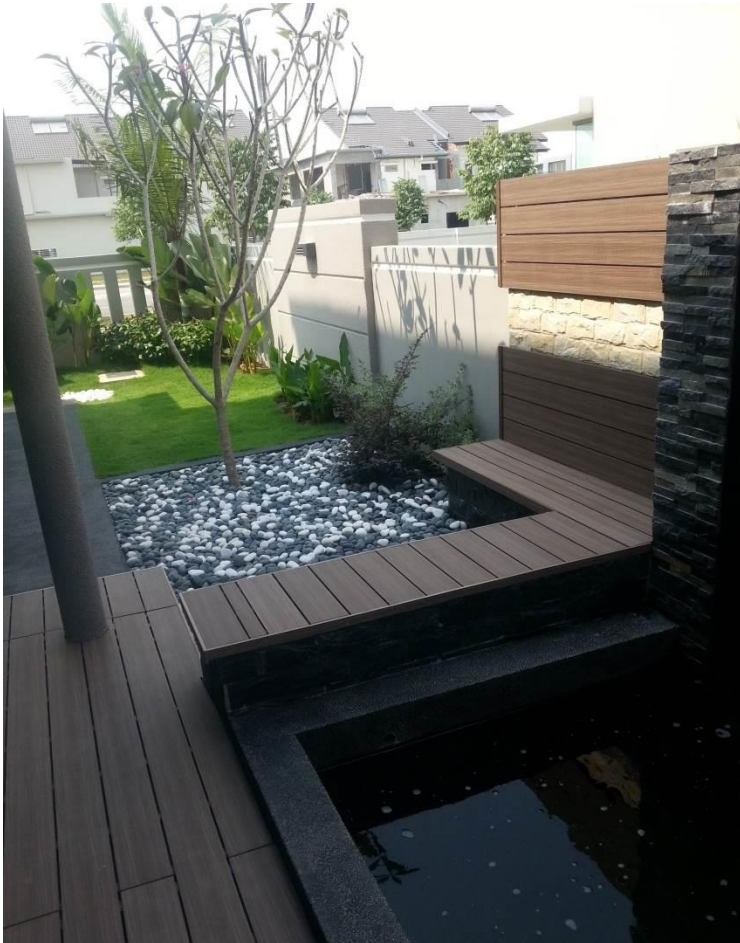


**FLOATING POONTOON BRIDGE
MARINA ISLAND, LUMUT, PERAK**

Ambang Botanic , Klang



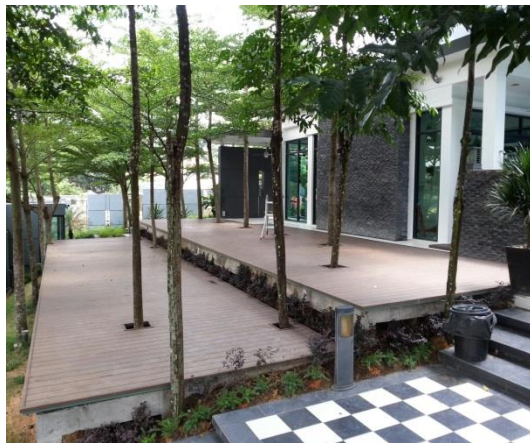
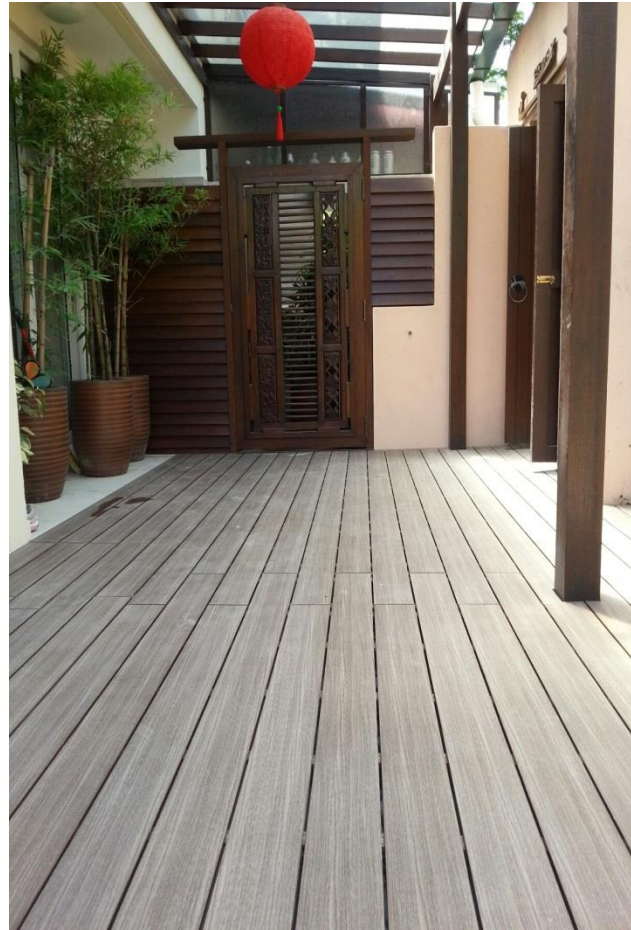
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PRIVATE BUNGALOW,





PART OF OUR CT DECK PROJECT REFERENCE

- 1. The Rhombus 24 Units Balcony, Jalan Penaga, Bangsar, KL**
- 2. Penth House Unit, Menjalara 18 Residents, Kepong, Selangor**
- 3. Zoo Negara Ticket Counter.**
- 4. Floating Poontoon Bridge Marina Island, Lumut, Perak**
- 5. Link Bridge Deck, Viva Mall, Beneton Properties Sdn Bhd, Jalan Ipoh, Kuala Lumpur**
- 6. Sime Darby, USJ Height, USH 7A, 14 Units Bungalows**
- 7. Sky Residence Show Unit, KL**
- 8. Swimming Pool Deck, Bukit Persekutuan, Bangsar KL**
- 9. Berjaya Resorts Langkawi**
- 10. Perdana Quay Pulau Langkawi.**
- 11. NSTP, Cafeteria & Balcony Bangsar**
- 12. Resident Bungalow, Kajang Country Height, Selangor**
- 13. Resident Bungalow, Bukit Tunku, Kuala Lumpur**
- 14. Resident Bungalow, Damansara Country Height, Kuala Lumpur**
- 15. The Belum Forest Grik**
- 16. One Lagenda Pond Pathway Deck, Mahsing Cheras**



PRIMA LAGUNA SDN BHD

The End

Thank you for your time & attention.

For further information please contact us.

Or Log In www.primalaguna.com

Thank you