

Pioneer and specialist in composite timber products the Widest range of composite decking & ceilings















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MALAYSIA BRUNEI BAHRAIN SINGAPORE VIETNAM INDONESIA GERMANY ITALY FRANCE UKRAINE INDIA PHILIPINES

About us

Since year 2004, our Group has been actively operating with a global vision in mind - to expand our business beyond the domestic Malaysian market. Our efforts paid off with us becoming a source of wood-alternative product supplier to a number foreign countries such as Singapore, Indonesia, Philippines, Vietnam, France, Italy, Germany, Netherlands, India, Australia and New Zealand to name a few.

The awareness for Environmental Protection has been a push factor for the driven need for Greener products in recent years, and it is expected to grow even further in times to come. This has been a thing that we care about, and had always wanted to be a part of, and it is no other that this particular reason, we make Easy Wood's product environmentally friendly and Green Label certified composed of more than 50% recycled contents.

But going green isn't all for us. We had taken a few steps further to make our products a better alternative to natural wood; with benefits and features like termite resistance, water resistance, easy maintenance, and a pre-finished surface that carries aesthetics the same way a natural wood does - less the need for painting or varnishing, as well as resistances to fungal, algae or mould growth Easy Wood products will be your perfect material of choice for all your indoor or outdoor applications needs.

Easy Wood covers a wide range of composite products ranging from T&G ceiling strips to wall cladding, deck boards, deck tiles, battens, edging boards, skirtings, cornice, architrave, furniture lining and etc. And to top it off, we have OEM Services available on request too!

We've been operating for more than 10 years... Through our years of continual development, Easy Wood now has the widest range of composite decking and ceilings products to meet all our customer's requirement, we offer more than just choices but a series of customizable solutions!

Tested & Certified.











Contact us

EASY WOOD SDN. BHD.

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EAZY Wood Composite Decking

easy maintenance pre-finished surface with timber look termite & water resistant (manufacturer warranty)

Typical Components of EAZYWOOD WPC Decking System



Component	Detailed dimensions (mm)	Remarks / Basic Installation Guideline**			
WPC Deck board	125(w) X 25 (thk.) X 3,050 (L) 138(w) X 22.5 (thk.) X 2,800 (L) 140(w) X 24 (thk.) X 2,800 (L) 150 (w) X 25 (thk.) X 2,800 (L)	Installed with expansion gaps (5~ 10 mm)			
HDPE-WPC Solid Batten	40 (w) X 25 (thk.) X 3,050 (L)	Running @ 250 mm c/c (max.). Optional battens material, i.e. grade A hard wood, gal. steel, aluminium, s/steel e.t.c.			
Edging board	95 (w) X 10 (thk.) X 3,050 (L) or 63 (w) X 10 (thk.) X 2,800 (L)	Tighten with stainless steel tapping screws directly on panel surface every 300.00 mm span at max, with silicone bonding adhesive applied between back of panel with contact surface. (Bonding adhesives for outdoor use.)			
WPC L-angle	25 X 25 X 3,050 (L)	Installed with "direct screwed method" on @ every 300 mm (max) plus bonding silicon adhesive (external use type).			
SS 304 screws	# 8 X 25 mm (for metal h/sections) # 8 X 30 mm (for WPC or wood) # 10 x 63 mm (to install battens)	Custom screws with head coated in brown to minimize glare when installed on deck board, wood or steel batten.			
Fastener clip	As per samples	Made with / from durable nylon material.			
**Powerles / Pagis installation Cuidaling, shows stated are only applicable for installation at normal site condition, do contact up if good further advice					

^{**}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.















EAZY Wood 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 out-door 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.



Widest range of WPC decking





















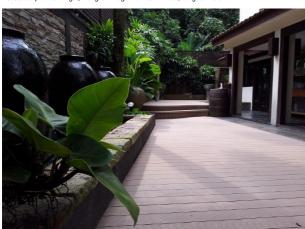






ape decking @ Lembah Kiara Recreation Park TTDI, Selangor.





Garden decking for private bungalow residence @ Bukit Damansara, Kuala Lumpur.





mming pool decking @ G-Tower Hotel, Kuala Lumpur



Lounge decking @ E&O Hotel, Penang.





Open Theatre decking @ Italy.

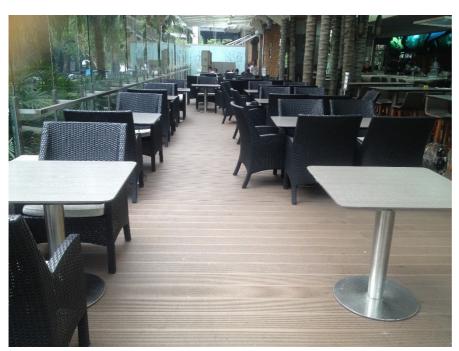


EAZY Wood Composite Decking

easy maintenance pre-finished surface with timber look termite & water resistant (manufacturer warranty)

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.

		Basic Detail						Performance rating							
	Product Code (colour)	Technology	Туре			Detailed Dimensions (~mm)		Water	Termite	UV resistant (against colour	Aesthetically natural grain	Suitability	Material Warranty		
			PVC-WPC	PE-WPC	Hollow	Solid	width	thk.	Length	resistant	resistant	fading)	surface	usage	**(years)
	P 800	Co-Ex	√		V		125	25	3,050.00	very good	very good	good	medium	residential	10
	(dark walnut)	(Gen 2)													
	P 801	Co-Ex	- √		1		125	25	3,050.00	very good	very good	good	good	residential	10
	(rose wood)	(Gen 2)													
	P 803	Co-Ex	- √		√		125	25	3,050.00	very good	very good	good	good	residential	10
	(drift wood)	(Gen 2)													
	P 804	Co-Ex	√		1		125	25	3,050.00	very good	very good	good	good	residential	10
ard	(burmese teak)	(Gen 2)													
Board	P 805	Gen 1		\	1		125	25	3,050.00	very good	very good	medium	medium	residential	10
Deck	(light walnut)	Och i													
<u> </u>	PESO 902	Gen 1		√		√	140	24	2,800.00	very good	very good	good	N/A	commercial	5
	(merbau)	Geni													
	PE 903	903 Gen 1		√	1		150	25	2,800.00	very good	very good	good	N/A	residential	5
	(merbau)	Geni													
	PESODL 101	Co-Ex		√		\ \	138	22.5	2,800.00	very good	very good	very good	good	commercial	10
	(Ipe)	(Gen 2)													
	PESODL 102	Co-Ex		√		\ \	138	22.5	2,800.00	very good	very good	very good	good	commercial	10
	(walnut)	(Gen 2)													
c.															
Batten	Batten 2540			√		√	40	25	3,050.00	very good	very good	NA	NA	accessories	5
ω															
	PF 9510		√			√	95	10	3,050.00	very good	very good	medium	medium	accessories	10
ō															
Edging	PF 6310			√		\	63	10	2,800.00	very good	very good	very good	very good	accessories	10
ш															
	L-angle		V			√	25x25	5	3,050.00	very good	very good	medium	medium	accessories	10
	Fastener clip	(nylon)		(as per sample, gap ~ 5-6 mm)				very good	very good	NA	NA	accessories	10		
	Fastener clip	(SS 304)	(as per sample, gap ~ 2-3 mm)					very good	very good	NA	NA	accessories	10		









Material Properties (PE-WPC Deck Board Code: PESODL 101, PESODL 102)





Detailed dimensions - 138 (W) X 22.5** (Thk.) X 2,800 (L) mm **The thickness subject to +/- 0.30 mm tolerances due to sanding process on it's surface.

Property	Result	Test Method	Remark
Specific Gravity	1.32 g/cm ³	KS F 3230 : 2013	
MOE- High Temperature	2,752 MPa	ASTM D7032	52 Celsius
MOE- Low Temperature	5,464 MPa	ASTM D7032	- 29 Celsius
MOR- High Temperature	21.8 MPa	ASTM D7032	52 Celsius
MOR- Low Temperature	38.4 MPa	ASTM D7032	- 29 Celsius
Hardness	78.7 R	ASTM D785	
Slip Resistance	R 11	DIN 51130	
Impact Resistance-Low Temperature	Pass	KS F 3230 : 2013	
Impact Resistance-Ambient Temperature	Pass	KS F 3230 : 2013	
Impact Strength	4.9 kj/m ²	KS F 3230 : 2013	
Thermal Conductivity	0.2 W/m*K	EN 14041 : 2004	
Stair Tread Load	Pass	AC 174	
Creep Recovery	92%	ASTM D7032	
Fastener Withdrawal	1.12 kN	ASTM D7032	
Freeze-Thaw	over 40 cycles		Internal
Fungus Decay Resistance	Rating 0	ASTM G21	
Temperature Effect	1.32 g/cm ³		Internal
Abrasion Resistance	Index 33	ASTM D4060	
Coefficient Of Linear Thermal Expansion	36.3 um/m*C	ASTM D696	
Flame Spread Index (FSI)	85	ASTM E84	
Smoke Density Index (SDI)	300	ASTM E84	
Staining Resistance	Resist most liquids		Internal
Scratch Resistance	20 N		Internal
Moisture	0.8%	KS F 3230 : 2013	
Formaldehyde	Non detectable	EN 717	
Coefficient of Friction	0.5	KS F 3230 : 2013	
QUV 3000 Hours Colour Retention	< Delta E of 4	ASTM G154-12	
RoHS	Non detectable	RoHS Directive 2002/95/EC	Cadmium
	17 mg/kg	KS F 3230 : 2013	Lead
	Non detectable	KS F 3230 : 2013	Mercury
	Non detectable	KS F 3230 : 2013	Chromium
TVOC Content	24.68 ug*m³	ASTM D5116	
Recycled Content	99 %		Internal

Material Properties
(PVC-WPC Deck Board Code: P 800, 801, 803 & 804)









Detailed dimensions - 125 (W) X 25** (Thk.) X 3,050 (L) mm **The thickness subject to +/- 0.30 mm tolerances due to sanding process on it's surface.

Property	Result	Test Method		
Flexural Strength	40.9 MPa	ACTA D 0400 40		
Flexural Modulus	4290 MPa	ASTM D 6109 - 10		
Maximum Tensile Force	1617 N	ASTM D 638 - 10		
Coefficient Of Linear Thermal Expansion	59.27 um/m/°C	ASTM D 696 - 08		
Flexural Stress	44.5 MPa	EN 100 470 : 0040		
Flexural Strain (Max flexural stress)	1.6%	EN ISO 178 : 2010		
Linear Theorem I Formancian	Length direction 36.9 um/K			
Linear Thermal Expansion (-30°C to 80°C)	Width direction 45.1 um/K	ISO 11359 - 2: 1999		
(55 5 15 55 5)	Thickness direction 64.7 um/K			
Falling Mass Impact	not less than 10 J	EN 477 : 1999		
Flexural property of	Flexural Modulus 4426 Mpa	EN 789 : 2004		
Load Bearing products	Bending Strength 26.9 Mpa			
Heat Reversion	0.2%	EN 479 : 1999		
Swelling	In thickness 0.29%	EN 317 : 1993		
Water Absorption	0.28 %	ASTM D1037-06a		
Vertical Burning	V0	UL94v		
And Olin Conflicted CO.	1.07 (Static)	A OTA A DOOR 4 - 000 F		
Anti-Slip, Coefficient Of Friction	0.73 (Kinetic)	ASTM D2394 : 2005		
Resistance to weathering	Delta E = 3.75, Grey scale = 3	EN ISO 4892 - 2 : 2013		
Freeze -Thaw (Delaminate test, 20 days water immersiaon test in -10°C, 45°C repeat 10 test cycles)	No warping, No twisting, No deformation, No cracking, Delta E = 0.51, Grey scale = 4	EN 4628		
Resistance to micro-fungi	Good	ISO 16869 : 2008		
Moiture Resistance	Thickness change 0.1%			
Bending Strength (initial)	32.6 Mpa	EN 321 : 2001		
Bending Strength (final)	30.2 Mpa			
Residual	92.6%			
	Horizontal 47.8 °C	051145504 4 0005		
Heat Build-up	Vertical 39.2 °C	CEN 15534 -1 : 2007		
Color Degradation	4 -5	NF EN ISO 4892 - 2		
Gap Of Color	Good	NF EN ISO 105 - J03		
Biological Agent Resistance	Good	NF EN ISO 105 - J03		
Engine Oil Stain	Good	NF EN ISO 105 - J03		
Brinell Hardness	4.66 HB	NF B51 -126		
Stripe Resistance	4H Lengthwise	EN 15184 : 1998		
Ottipe Resistance	5H Crosswise	E14 13104 : 1330		
Under Load Stiffness	Divided Load 0.2mm	NF EN 660 - 2		
5.145. 2544 5 4555	Located Load 0.6mm	NF EN 660 - 2		
Abrasion Resistance	Flat surface 69.7 mg	NF EN 660 - 2		
2 15 2 1	Reeded surface 41.5 mg	511100 1100 1 0001		
Specific Gravity	1429 kg/m3	EN ISO 1183 -1 : 2004		
Heat Deflection Temperature	67.4 °C 82 °C	EN ISO 75 -1 (Method A)		
Vicat Softening Point Total Volatile organic compounds (TVOC)	0.15 mg per m3 per hour			
Emission Rate	3			
Formaldehyde Emission Rate	<0.01 mg per m3 per hour	ASTM D 5116- 06		
Phenyl cyclohexene Emission Rate	No Detected	TASTM D 5116- 06 - -		
Total Phthalate Emission Test	< 0.003 mg per m3			
Total Particles Emission Test Cadmium (Cd)	0.01 mg per m3 Not Detected			
Lead (PB)	Not Detected	Landon discolario Completi Di		
Arsenic (As)	Not Detected	Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES)		
Mercury (Hg)	Not Detected			
Hexavalent Chromium (Cr 6+)	Not Detected	UV- Vis Spectrometer		
Halogenated Solvents	Not Detected	Headspace- Gas Chromatography with		
Aromatic Solvents	Not Detected	Mass Selective Detector (GC-MSD)		
RoHS Directive 2011/65/EU	Not Detected	2002/95/EC		
		Green Certificate		







Material Properties (PE-WPC Deck Board Code: PE 806-2, PE806-G)





Detailed dimensions - 125 (W) X 25** (Thk.) X 3,050 (L) mm **The thickness subject to +/- 0.30 mm tolerances due to sanding process on it's surface.

Property	Result	Test Method		
Flexural Modulus	2440 Mpa	ASTM D 6109 - 10		
Tensile Strength	14 Mpa	ASTM D 638 - 10		
Abrasion Resistance	105 mg	ASTM D 4060 - 10		
Water Absorption	0.28%	ASTM D1037-06a		
Coefficient Of Linear Thermal Expansion	167.9 um/m/°C	ASTM E831 : 2006		
Specific Gravity	1.35 g/cm3	ASTM D 1505		
Heat Deflection Temperature	45 °C	ASTM D648		
Vicat Softening Point	120 °C	ASTM D1525		
Total Volatile organic compounds (TVOC) Emission Rate	0.15 mg per m3 per hour			
Formaldehyde Emission Rate	<0.01 mg per m3 per hour	ASTM D 5116- 06		
Phenyl cyclohexene Emission Rate	No Detected			
Total Phthalate Emission Test	< 0.003 mg per m3			
Total Particles Emission Test	0.01 mg per m3			
Cadmium (Cd)	Not Detected	Industivaly Coupled Discord		
Lead (PB)	Not Detected	Inductively Coupled Plasma Atomic Emission		
Arsenic (As)	Not Detected	Spectroscopy (ICP-AES)		
Mercury (Hg)	Not Detected	(i.e. 7.2e)		
Hexavalent Chromium (Cr 6+)	Not Detected	UV- Vis Spectrometer		
Halogenated Solvents	Not Detected	Headspace- Gas		
Aromatic Solvents	Not Detected	Chromatography with Mass Selective Detector (GC- MSD)		
RoHS Directive 2011/65/EU	Not Detected	2002/95/EC		
Made from 50% Recycled Content	Passed			





Material Properties (PE-WPC Deck Board Code: PESO 902, PE 903)





Detailed dimensions - 140 (W) X 24** (Thk.) X 2,800 (L) mm **The thickness subject to +/- 0.30 mm tolerances due to sanding process on it's surface.





Detailed dimensions - 150 (W) X 25** (Thk.) X 2,800 (L) mm **The thickness subject to +/- 0.30 mm tolerances due to sanding process on it's surface.

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)		





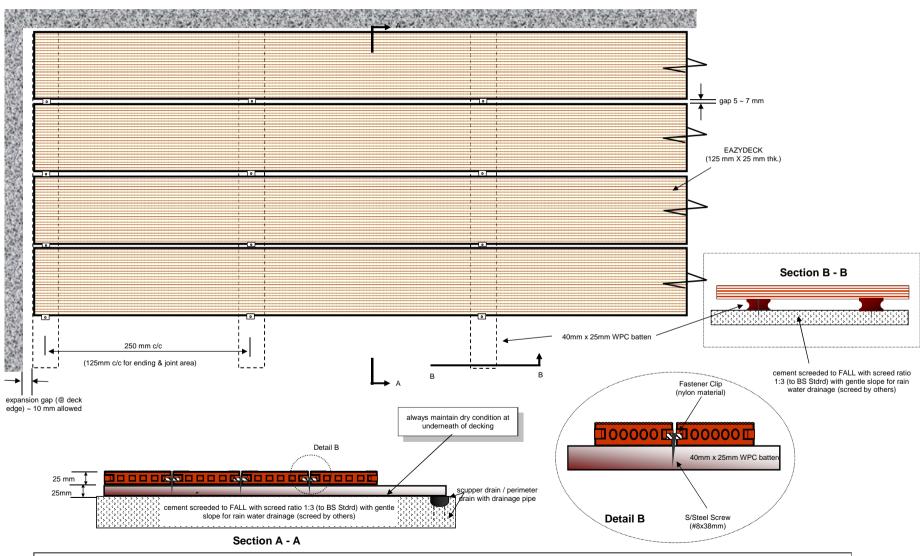


Typical Installation Detail (with WPC batten 4025)

Specification descriptions

"To supply & Install EAZY DECK SYSTEM comprise of 125/138/140/150 mm x 24/25 mm X 3,050/2,800 mm PE-WPC or PVC-WPC deck board (Product Code), SS 304 screws fixed with nylon fastener clip onto solid PE-WPC battens (25x40mm) running @ 250 mm c/c only; all on accordance with manufacturer's instruction & recommendation"





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.

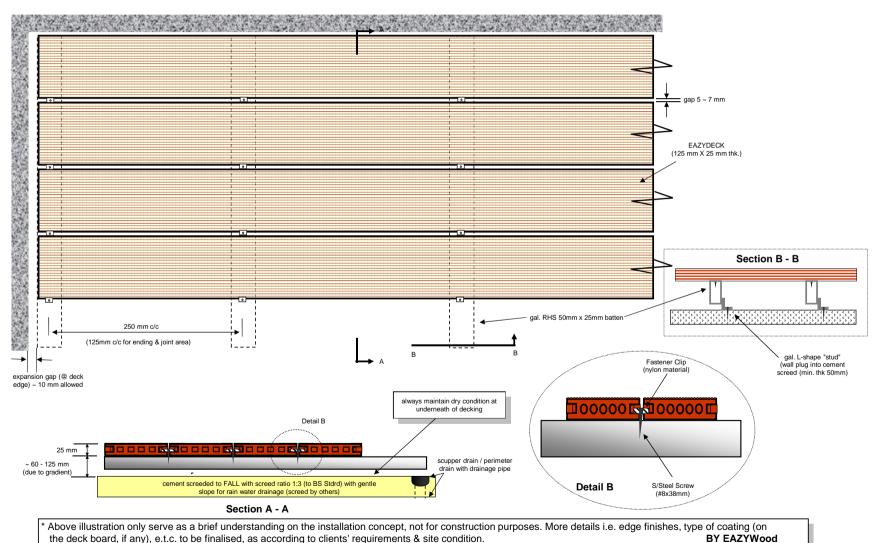
BY EAZYWood

Typical Installation Detail (with gal RHS 25 mm x 50 mm batten)

Specification descriptions

"To supply & Install EAZY DECK SYSTEM comprise of 125/138/140/150 mm x 24/25 mm X 3,050/2,800 mm PE-WPC or PVC-WPC deck board (Product Code), SS 304 screws fixed with nylon fastener clip onto galvanized RHS (25 mmx 50 mm) battens running @ 250 mm c/c only; all on accordance with manufacturer's instruction & recommendation"



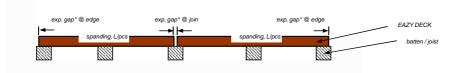


Important Notes related to EAZY Deck installation works

Wood plastic composite (WPC) material generally having it's unique characteristics and features, where generally vary from natural timber. It is very important to understand it and to install the products with the most appropriate specifications.

1. Thermal expansion

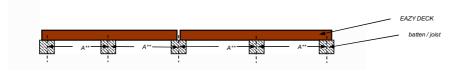
 WPC material will subject to thermal expansion when exposed to high moisture and temperature, therefore expansion gap must be allowed at all joint & end point as illustrated below,



exp. gap* - the size of gap depends on the spanding length (L)/pcs involved.
i.e. for spanding decking length of 3 m/pcs, min. 10 mm for each end must be provided.

2. Distance of batten or joist support to EAZY DECK

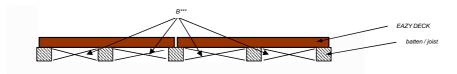
- WPC material is having higher tensile ability in general or compared to natural timber. Therefore, sufficient nos. of supports underneath the deck is a must.



A** - the batten or joist shall distanced not more than 250 mm c/c, 125 mm c/c for ending or joint area.

3. Void or ventilated condition to be provided

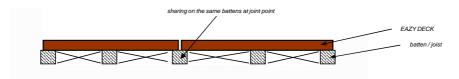
- EAZY DECK shall not installed or laid directly on the floor, without batten or joist supports.



B*** - ventilation or void condition shall be provided. Ensure no permanent water ponding underneath the decking. EAZY DECK shall not installed or laid directly on the floor, without batten or joist supports.

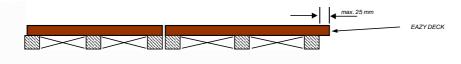
4. Sharing a single batten / joinst at deck-joint area

- at the joint point between 2 pcs. of EAZY Deck boards, sharing on one single batten / joinst



5. Cantilever not longer than 1"

- If EAZY DECK at the end/edge of it in "cantilever" or "over-hang" condition, the length shall not more than 25 mm.



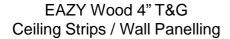
- **6. EAZY DECK is not fungus,mold and algae proof product.** The fungus,mold or algae may or may not grow on the deck boards, subject to the moisture content & dampness situation at where the deck is built.
- **7. Create opening using EAZY DECK.** The deck boards must be fixed on a "rigid and strong" 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 use under normal condition only, kindly counter check with the supplier / manufacturer for use under special condition



EAZY Wood's Ceiling Strip & Wall Panels, with features and benefits like termite & water resistance, easy installation and maintenance, pre-finished surface with natural wood grain, are your ideal product for all your ceiling or wall applications both indoor and outdoor.







"EAZY-CEIL 8121" 8 thk. x 121 x 3,050 mm (T&G with ~ 4mm groove width)



"EAZY-CEIL 12121" 12 thk. x 121 x 3,050 mm (T&G with ~ 7mm width groove)



"EAZY-CEIL 12123" 12 thk. x 123 x 3,050 mm (T&G butt groove)

Skirting, border & L angle (matching colour to ceiling strip / wall panelling)

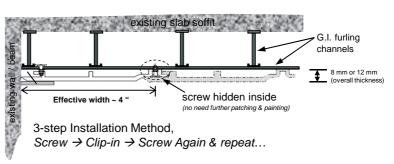


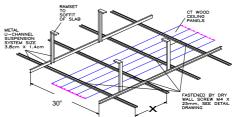




Unique T&G design makes installation simpler, easier & faster

(similar to fiberous plaster / gypsum ceiling installation method)





X=18" (for 12 mm thk. Ceiling strip), X=10 " (for 8 mm thk. Ceiling Strip)

EAZY Wood Skirting Board 1870 (18thk. X 70 H x 2440 L) mm

EAZY Wood Skirting Board 1690 (16thk. X 90 H x 2440 L) mm





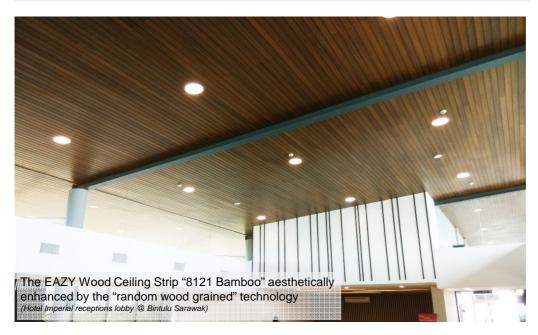




EAZY Wood Ceiling Strip & Wall Panelling

Enjoy the homogenies wood looking finishes but skip the hazel of insects / termite attack, with almost no maintenance required along it's life span!

Best recommended for roof eave / over hand ceiling, interior decoration, external wall covering and all others ceiling and wall applications.





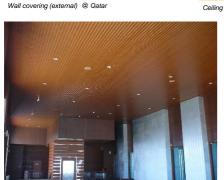




Ceiling @ perimeter roof eave



Ceiling @ Italian Restaurant, Mid Valley, Kuala Lumpur.



Ceiling @ Function hall, Teluk Warisan, Kuala Terengganu.



Ceiling @ multi purpose hall, "Taman 1 Malaysia", Shah Alam, Selangor



Widest range of ceiling strips (with matching colour border available)

































Our achievements since year 2004 (ceiling strips & wall panelling)

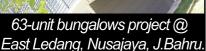
www.easywood.com.my



















Teluk Warisan Resort, Pulau Duyong Kuala Terengganu.













Open University, K.Lumpur.



Sri Lanka Buddist Temple @ Jln. Sentul, KL



天后古庙@Old Klang Road.



Tropicana Medical Centre, Kota Damansara





Private residential bungalow@ Sunway Damansara, Selangor.













Eazy

Our achievements since year 2004 (composite decking)

www.easywood.com.my













G-TOWER (Gold-Class Green Building) Jln.Tun Razak, K.L





















Perdana Quay broad-walk @ Langkawi











