



What is Wood Plastic Composite (WPC)?

**WPC** is a material that is a mixture of wood fiber, plastic, and some type of binding agent (special receipt of antioxidant, UV stabilizer, lubricants, pigments, etc.) These ingredients are put together and extruded with professional equipment under high temperature perfectly integrated with the advantages of both wood and plastic to form a material that is denser, stronger, and heavier than wood alone, a **wood-plastic composite**.



## **Why Composite Wood?**

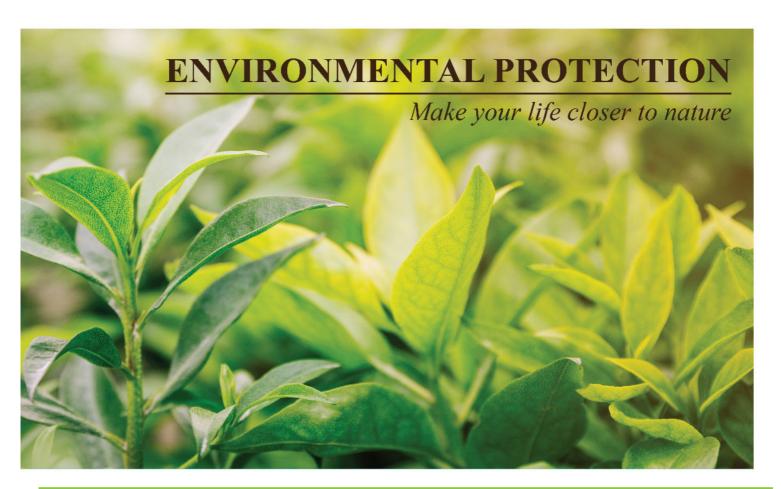
- Cost Savings
- Termite Free
- Water Resistant
- · Never rot & splinter
- · Pre-finished Surface
- · Environmental Friendly
- · Minimum/Free Maintenance
- · Workability like natural timber, no special tools required













#### **Innovative Products Make Innovative Projects**

Combine eco-friendly with architecture beauty, it has always been regarded **HWOOD**'s responsibility to the world. Pursuing low carbon and green product reflect one core of **HWOOD**'s social responsibility. We not just advocate a concept of environment friendly, but also improve greenism with practical action.

#### COMPOSITE DECKING MATERIALS ARE ECO-FRIENDLY AND TOXIN-FREE.

Fiberon composite decking is made from locally-sourced recycled plastic, lumber mill scraps, and other materials. Using these materials means we prevent more than 60,000 tons of plastic and other waste from ending up in landfills or incinerators every year. Our composites prevent further deforestation, are free of the toxic chemicals often found in pressure-treated lumber and are manufactured in a process that produces zero water waste.









# Composite Decking Requires Less Maintenance Than Wood Decking.

Composite decking is a lot like pre-finished flooring. It arrives as a finished product and NEVER needs sanding, staining, or painting - just an occasional soap and water cleaning. Wood needs to be finished after installation and then refinished every 1-2 years, meaning you'll be spending a significant amount of time and effort maintaining that deck.





#### Composite Decking Looks Like Natural Wood.

Composite decking has come a long way in the past years. Today's composites reflect the beauty of natural and exotic hardwoods, complete with subtle streaking and varied wood grain patterns.



#### **Composite Wood Vs Natural Wood**

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/SE	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 Iow	Re-varnishing works required





































#### **HWOOD WPC Decking Board**



Now **HWOOD WPC** becomes an ideal building material for residential and commercial use. Combines the advantage of different materials, **HWOOD**'s **WPC** boards are more sturdy and durable than real wood, but also possesses a similar appearance of the real wood. With our unique installation method, there are no nails or screws on the floor surface, it's more secure and convenient for cleaning and maintenance.

**HWOOD WPC** board has the following advantages: \* Less maintenance. Compared with real wood, is more simple, no need for dyeing or painting.
Usually clean with soapy water and a soft brush.

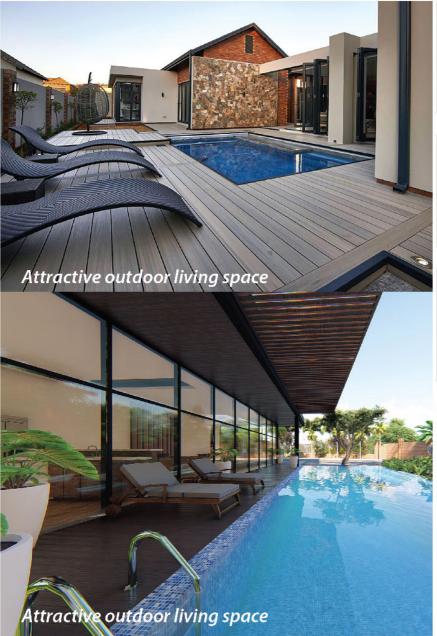
- \* Long service life. Waterproof, will not attract ants and decay, not easy bending deformation.
- \* **Stay beautiful**. Our WPC board remains as new in many years, only the color becomes slightly lighter in the earlier 3 or 6 months, they will be very stable, no color fading anymore.
- \* Environmental friendly. 90% of our raw material is recycled, reduce resource waste and environmental pollution.
- \* Strong applicability. Cutting or drilling. Applies to patios, pools, hotels, gardens and various places. The unique mix-color technique makes our products look much closer to natural real wood. Provide rich color, surface treatment, and sizes for your choice.

We can adjust the new color according to the order requirement.



HWOOD WPC Decking System			
Item NO.	Cross Section	Picture	Dimension (mm)
HW140A25			140x25
HW140T25			140x25
HW145K25		2221425	145x25
HW145Z25		and the state of t	145x25
HW140520	140		140x20
HW140523	140		140x23
HW140524	140		140x24
HW140525	140		140x25
HW300522	300		300x22
HW135A25	135		135x25 Embossing
HW140E25	170		140x25 Embossing
HW138CE23	138	-	138x23 Co-extruded







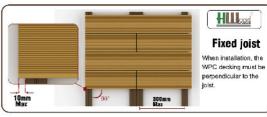






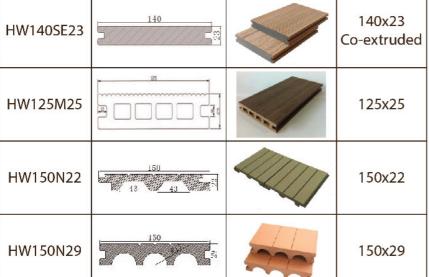






#### **Tools and Accessories**





#### **HWood Accessories**

	60x60	45x45
	40x30	40x25
5		





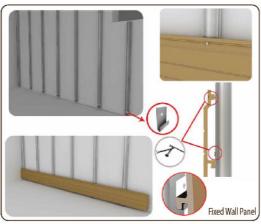
Termite free & Water resistant No termite/insect treatment required. Wood grain designs available

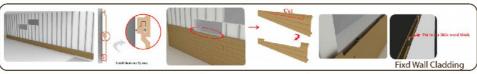


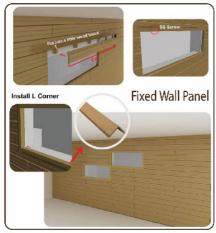
HWOOD Wall Panel System			
Item NO.	Cross Section	Picture	Dimension (mm)
HW148W21	143	IN	148x21
HW142W10			142x10
HW177W28			177x28
HW148E21	148		148x21

### HWOOD WPC Wall Panel Installation



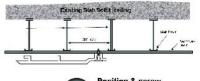




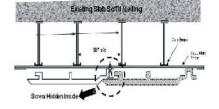




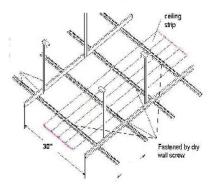
# WPC Strips Ceiling Typical Installation Method













#### **HWOOD WPC Railing**

Hollow profiles are the perfect material for pergolas, railing and elevation features. Our light weight sections replace heavy steel frames or wood which demand periodic maintenance and painting to avoid deterioration from exposure to weather or corrosion. With a wood appearance it requires little maintenance, profiles retain natural wood aesthetics in terrace and garden pergolas, cantilever features, car parks, elevation features of buildings and other applications.



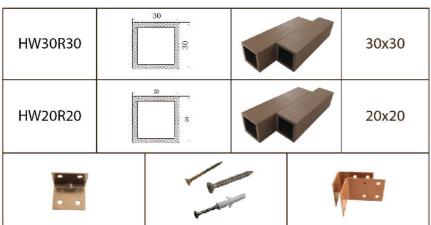


#### HWood WPC Pergola Installation



Save Tree, Beautify Home!

HWOOD RAILING SYSTEM			
Item NO.	Cross Section	Picture	Dimension (mm)
HW150T150	151		150x150
HW120T120			120x120
HW100T100	100 - 4 14 14 00 00 00 00 00 00 00 00 00 00 00 00 00	THE STATE OF THE S	100x100
HW100R100	1200		100x100
HW80R80	्ठ इट		80x80
HW200R100	200 20 3		200x100
HW200R80	200 200 200 200 200 200 200 200		200x80
HW160R80			160x80
HW100R50	100 100 100 100 100 100 100 100 100 100	To the second se	100x50
HW90R45	91 25 25 46		90x45
HW60R40	60		60x40
HW50R50	.50 .50 .50 .50		50x50
HW40R40	0 0		40x40





#### **HWOOD WPC BENCH & DUSTBIN**



HWood Bench and Flower Pot & Dustbin offer you more leisure life!

### HWood Normal Colors





