

China Manufacturer  
Outdoor WPC decking,WPC wall panel



GREEN DESIGN INTERNATIONAL CONTRIBUTION AWARD

Guangzhou woodedtech Co.,Ltd  
Guangzhou Bestry Co.,Ltd



[Sumuchang.com](http://Sumuchang.com)  
Ideal outdoor decking, wall panel

木帝特  
WOOD&TECH

[Bestrydeck.com](http://Bestrydeck.com)  
Best outdoor decking.  
Better outdoor living

# SERVICE



## Pre -sale

Explore product technology and design solutions with customers



## In -sale

Strictly follow the requirements of customer orders to control the quality of factory products, as well as the construction guidance and technical support of the product implementation project on site.



## After -sale

Product problems caused by various reasons for products will be quickly replaced and maintained.



Best outdoor decking, better outdoor living

# PRODUCT COLOR CARD

## CO-EXTRUSION COLORS

-  Teak
-  Antique
-  Redwood
-  IPE
-  Light-grey
-  Walnut

## CLASSIC COLORS

-  Teak
-  Redwood
-  Walnut
-  Coffee
-  Chocolate
-  Ebony

## 3D EMBOSSING DECKING COLORS

-  Teak
-  Red Wood
-  Walnut
-  Chocolate
-  Dark Grey
-  Ebony



02

CO-EXTRUSION  
SERIES

## CAPPED COMPOSITE DECKING

In 2016, we grandly launched the 2nd-generation wood plastic composite decking and super strong wooden texture to Capped Composite Decking, and the plastic wood was evenly covered with the protection layer. The 360° layer of protection and the core are extrusion at the same time.

Compared with the 1st generation of wood plastic composite decking, in addition to retaining the excellent physical properties such as insect pest resistant, mildew, rotten, and easy maintenance, the new generation of extrusion composite decking has a more outstanding performance:

- Better resist to moisture and termites
- Better resist to mold and mildew
- Better resist to UV, better color stability
- High impact strength, better scratch resistance
- Less water-absorption, less rotten
- More fading and staining resistant
- More durable, more beautiful and more reliable  
Eco-friendly alternative to Wood Decks

The G series of the unique formula of the traditional Bangying's traditional wooden plastic is the core material. The four-sided wrap is wrapped in the protective layer. The wood grain is clear, resistance scratches, stain resistance, In the densely flowing area, it can effectively prevent scratches caused by flow of people and hard objects, and can also withstand the various harsh tests of nature.

The H series co-extrusion decking is the excellent characteristics of the Bangying adamas H series super formula as the core material, inheriting the excellent characteristics of the co-extrusion decking and adamas composite decking, the surface is beautiful and natural, and it has easy to adapt to the climate, Strong abrasion resistance, etc. The physical characteristics are the perfect combination of co-extrusion decking and the inner and external performance of adamas composite decking.

## PRODUCT COMPOSITION

This board is made of 60% wood powder + 30% HDPE plastic, It is an environmentally friendly material that can be recycled and reused.



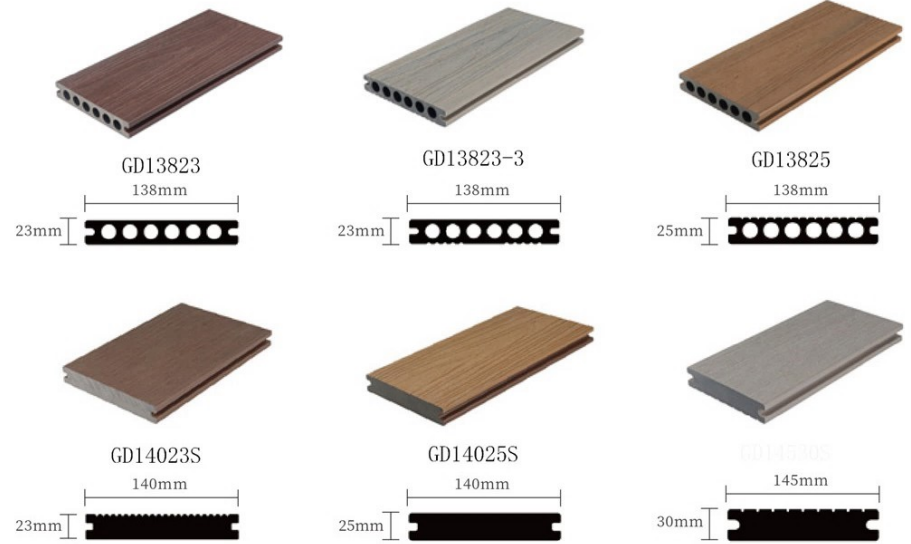
60%  
Wood Powder



30%  
HDPE



## SPECIFICATION



## SURFACE TEXTURE



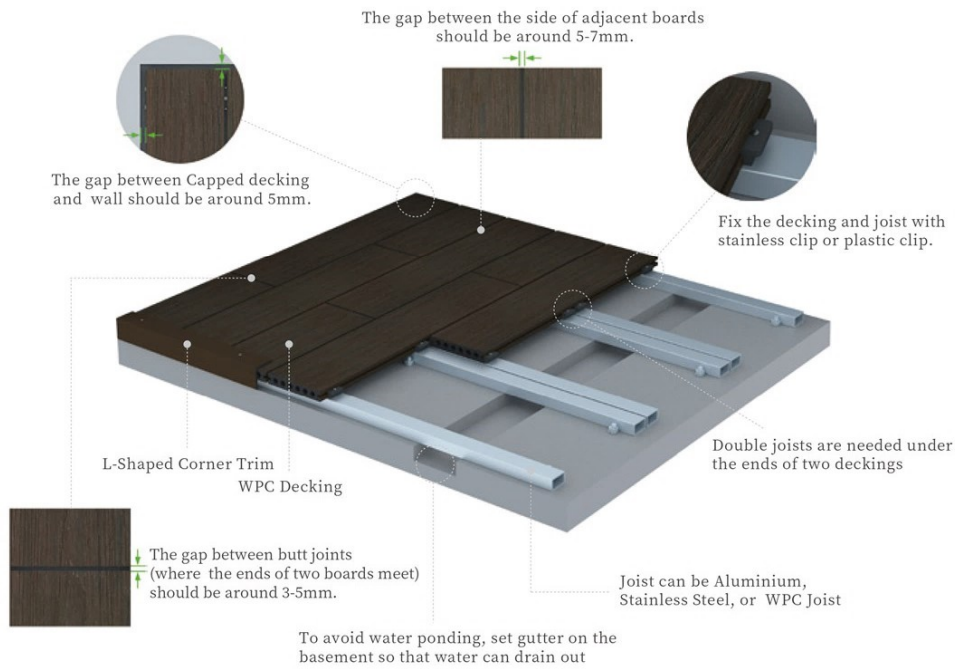
H1 Straight Grain

H2 Wood Grain

H3 Wood Grain

H5 Wood Grain

## INSTALLATION GUIDE



## ACCESSORIES



Stainless steel start clip



Plastic clip



Expansion screw



L-Shaped Corner Trim  
Dim: 50\*50\*3000mm



WPC joist  
Dim: 40\*30\*3000mm



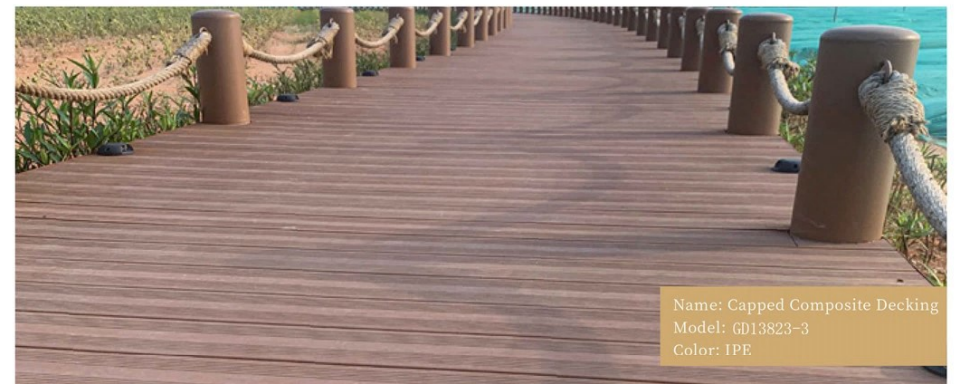
Aluminum joist  
Dim: 40\*25\*2900mm



Name: Capped Composite Decking  
Model: GD13825  
Color: Teak



Name: Capped Composite Decking  
Model: GD14521  
Color: Antique



Name: Capped Composite Decking  
Model: GD13823-3  
Color: IPE

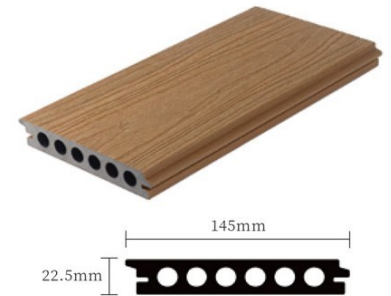
# NO GAP COMPOSITE DECKING



There is no interval between the two decks of the no gap composite decking, and the entire decking looks cleaner and neat. And it will not accumulate dust and stains at the joists, so that it is easier to clean, and don't worry about the breeding of various impurities. Compared with traditional decking, It has strong carrying capacity, longer service life, and can be paved according to dimensions of actual needs to avoid waste and save materials.

## INFORMATION

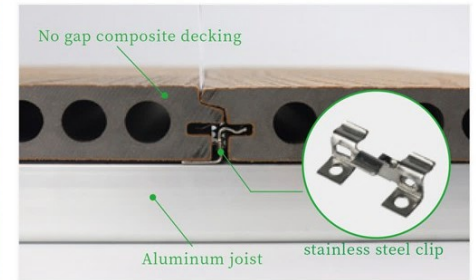
Name: No Gap Composite Decking  
 Application: Balcony, Terrace, Courtyard, Sun room, Garden, etc.  
 Model: GD14522. 5  
 Texture: Wood grain, Brush grain  
 Advantage: Waterproof, No gap, No -formaldehyde  
 Materials: 30% HDPE+60% Wood powder+10% Additive



## ADVANTAGE



1. No gap design makes the entire ground look cleaner and beautiful.



2. Use stainless steel clip to Install the decking to prevent thermal expansion and contraction.



3. The no gap composite decking will not accumulate dust and stains at the seam, and the cleaning is simpler.

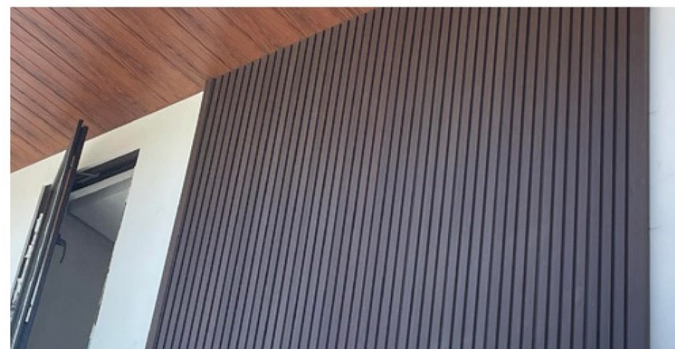


4. The no gap composite decking carrying capacity is strong.

# CAPPED SLATTED COMPOSITE CLADDING



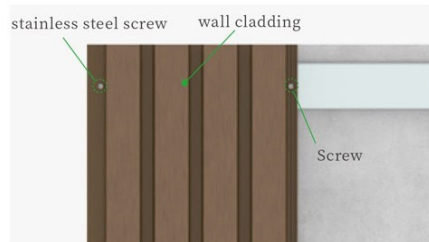
Upgrade your space with our innovative capped composite wall cladding. This advanced material features a tough plastic shield that completely encases a WPC core, offering unmatched protection against harsh weather, stains, and fading. Experience the timeless beauty of wood, without the maintenance hassles - a simple washdown keeps it looking pristine for years to come.



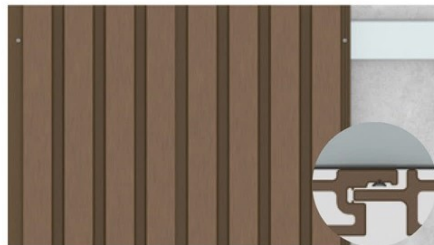
## INSTALLATION GUIDE



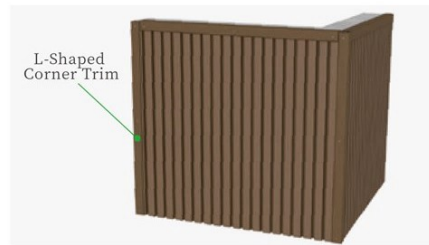
1. Install the joist, the center distance shall not exceed 500mm.



2. Fix the first cladding board to the joist with screw



3. Install other wall cladding in order



4. Install the L-Shaped Corner Trim with screws and complete the installation.

## ACCESSORIES



Stainless Self Screw



Expansion Bolt



Expansion Screw



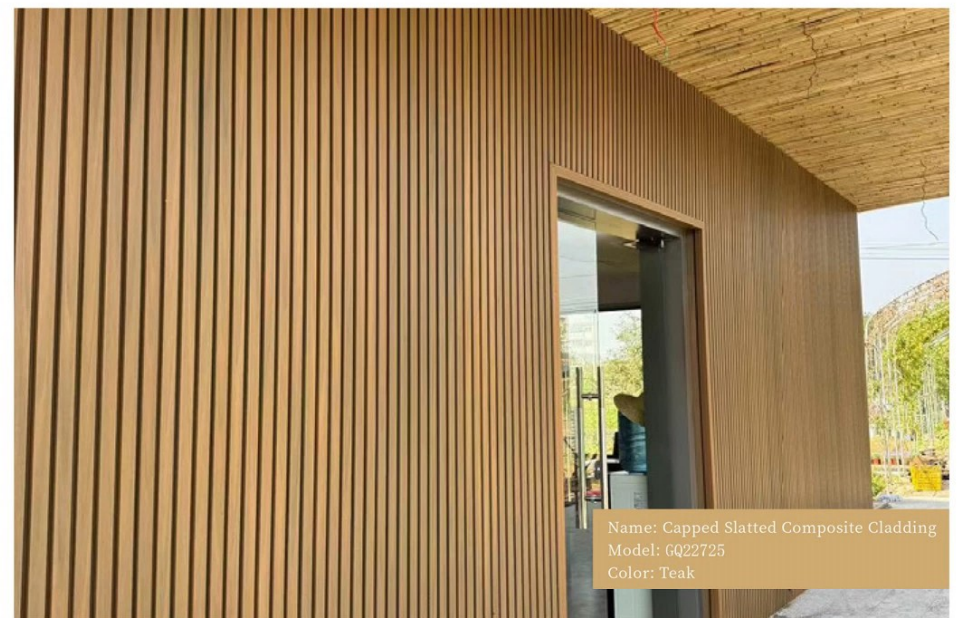
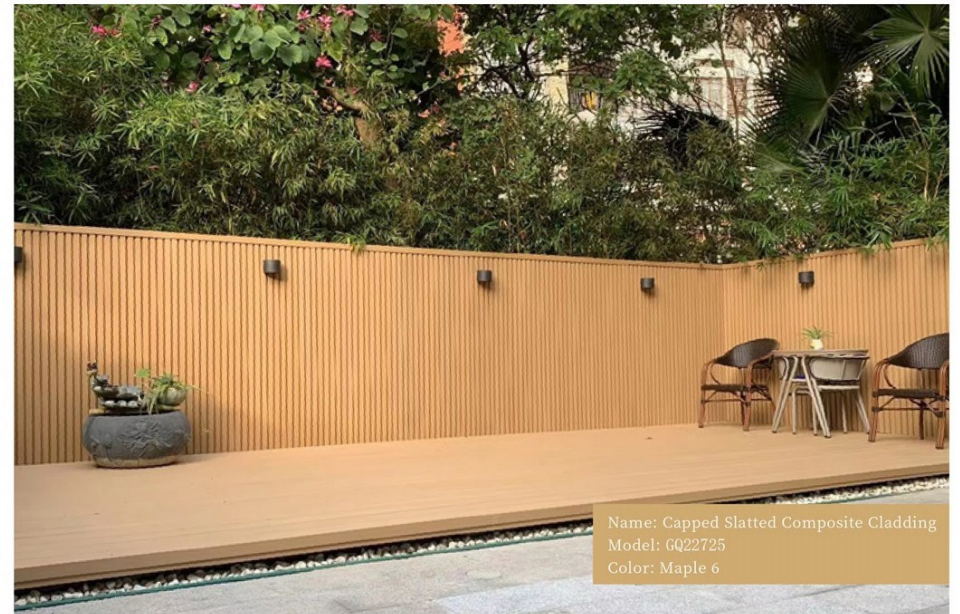
L-Shaped Corner Trim  
Dim: 50\*50\*3000mm



WPC joist  
Dim: 40\*30\*3000mm



Aluminum joist  
Dim: 40\*25\*2900mm



# CAPPED COMPOSITE CLADDING



The WPC composite cladding boards can be installed either vertically or horizontally, easy installation and low maintenance, we use hidden system, the wall boards are overlap to hide the screw or clip. Nature timbers look but less timber problem, long-lasting and easy-going color.

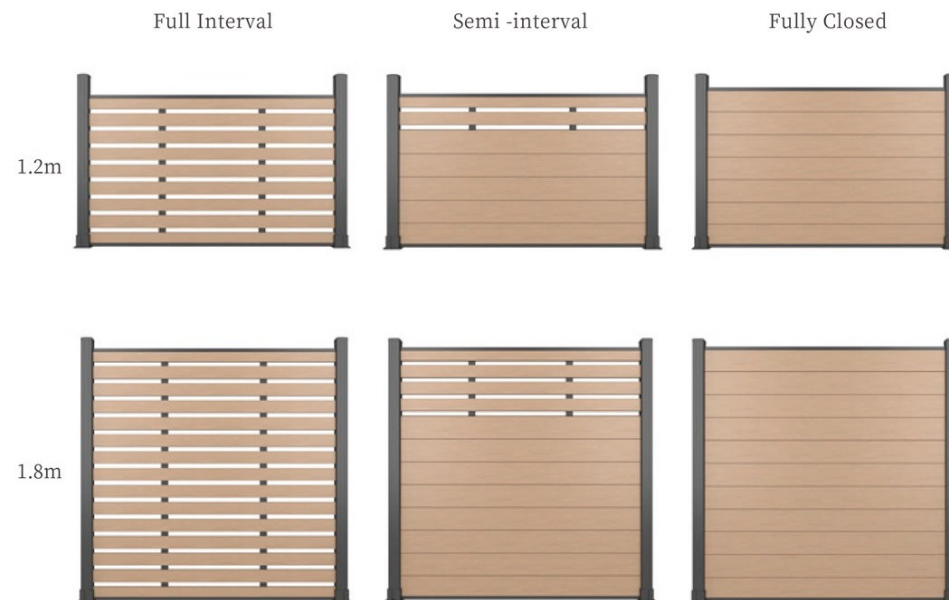
# ALUMINUM WPC FENCE



Elevate your fencing experience with our Eco-Friendly Composite Fence system. Designed to mimic the aesthetic of natural wood without the drawbacks of timber, it offers enduring durability, making them a superior alternative to traditional timber options in the market.

Combining aluminum posts with capped composite panels, composite fencing offers a stylish, stable fencing solution for both domestic and commercial applications. Easy to install, our pre-designed kits include all essential components and hardware.

## FENCE STYLE



## SPECIFICATION



## INSTALLATION GUIDE



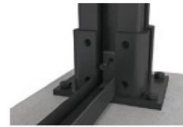
1. Pre drill with a masonry drill bit and fix the post base to the structure using expansion bolts.



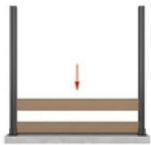
2. Fix the post on the mounted post base with self-drilling screws.



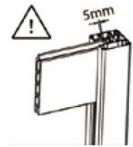
3. Insert the L-bracket into the bottom rail.



4. Secure the bottom rail with self-drilling screws.



5. Slot the fence panels between posts.



6. Note: No less than 5mm expansion gap is important between the fence panel and the post.



7. Insert the partition accessories into the groove of the fence panels and install the panels in sequence.



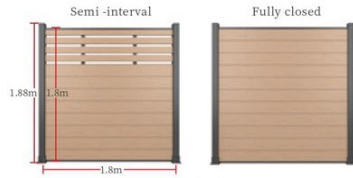
8. Insert the top rail, secure with L-bracket.



9. Place the post slide cover.



10. Install the post cap.



11. Job Done!

## ACCESSORIES



Aluminum Post



Post Base



Post Cap



L-Bracket



Top&Bottom Rail



Post Slide Cover



Name: Aluminum WPC Fence  
Model: GL17024  
Color: Teak



Name: Aluminum WPC Fence  
Model: GB7111  
Color: Teak



Name: Aluminum WPC Fence  
Model: GL9024.5  
Color: Teak

# 03

## 3D EMBOSSING DECKING

### Why use 3D embossing decking?

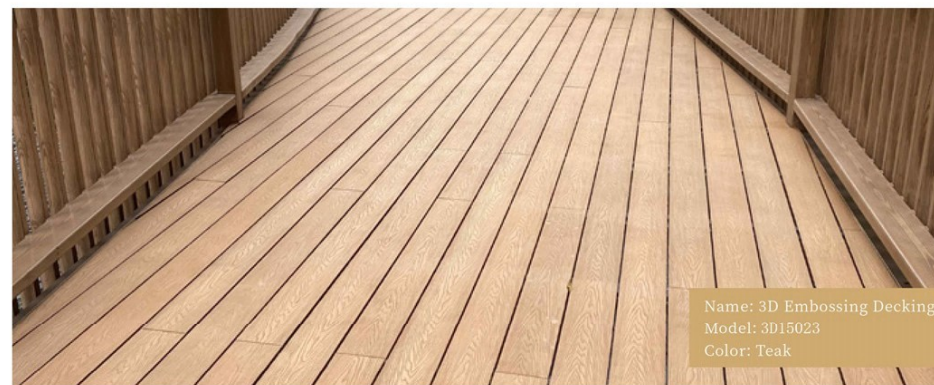
Wood Plastic Composite Decking is a superior material that combines the beauty of wood with the strength and durability of a polymer.

As the sustainable alternative to natural wood decks, 3D Embossing WPC Deck offers the aesthetic of natural timber and the benefits of long-lasting beauty with minimal maintenance.

The deep wood grain pattern on our lumber mimics the beauty of natural wood and resists to moisture, rot & termites etc. , while a wide spectrum of natural colors lets you create the perfect deck or dock to complement your outdoor space.



3D embossing decking  
natural classic wooden texture



Name: 3D Embossing Decking  
Model: 3D15023  
Color: Teak



Name: 3D Embossing Decking  
Model: 3D14025-2  
Color: Teak



Name: 3D Embossing Decking  
Model: 3D14023S  
Color: Red Wood

SPECIFICATION



3D15023

150mm



3D14025-2

140mm



3D14023S

140mm



SURFACE TEXTURE



S3 Wood Grain



S4 Wood Grain



S5 Wood Grain

# 14

## ADAMAS SERIES

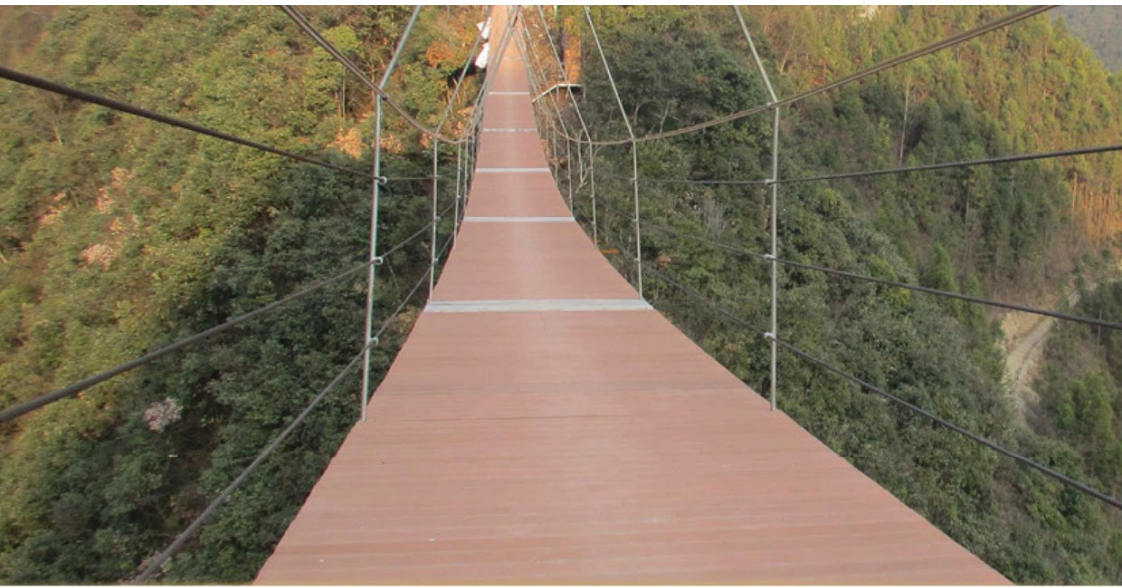
Adamas series products are currently the most leading wooden plastic materials in the world. Because of its excellent performance and quality, it has obtained the reputation of "BMW in the car, and adamas wood in the wood"! It is a mixed biomass powder and high-performance modified plastic, adding special formulas, using professional equipment and patented molds, and then extrusion by special craft formed ultra-high-performance wood plastic composite materials

Adamas products can be used as structural materials, and some or all can replace metal materials such as steel, iron, aluminum alloy, and glass fiber. Its service life exceeds 30 years.

Adamas series can be widely used in military industry, real estate, gardens, municipalities, ancient buildings, ancient villages, temples, new urbanization construction and other fields. It is a transformation of traditional wood plastic composite materials in product research and development, technological innovation, and application direction.

The performance advantages of adamas products are mainly manifested in high-bending strength, high tensile strength, high resistance impact strength, low linear thermal expansion coefficient and low water absorption.





## Performance Comparison of Adamas WPC and Common WPC

### The Joist Span Comparison Of Adamas And Common WPC

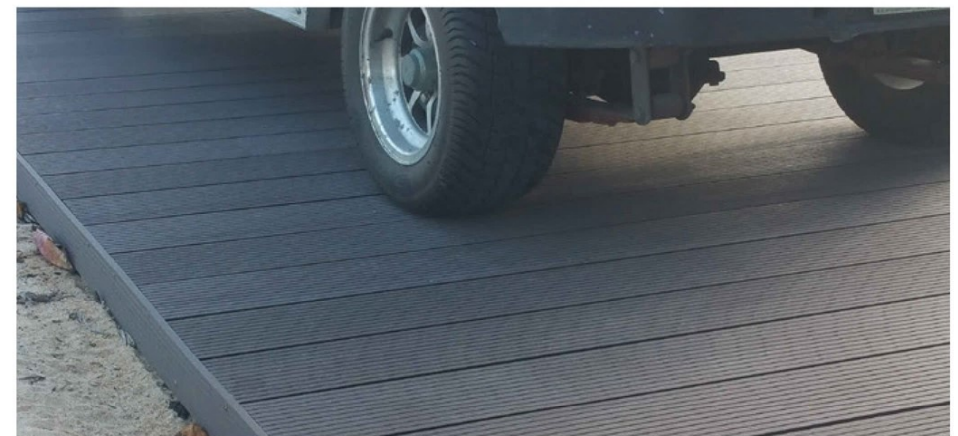
NO.	Type.	Name	C/G WPC Series(mm)	Adamas H/S Series(mm)
1	D14025-3	Hollow decking	300	450
2	D15030	Hollow decking	350	550
3	D14040	Hollow decking	400	700
4	D14550	Hollow decking	500	900



### The Performance Comparison Of Adamas WPC And Common WPC

There are 4 series of WPC decking , Common class(Common-C), General class (Common-G), High class(Adamas-H)and Super class(Adamas-S)

Item	Bending Rupture load(N)	Flexural Strength (Mpa)	Impact Resistance (KJ/M2)	Hot Distorted Temperature(C)	Liner Thermal Expansion Rate(*10-5K-1)	Creep Recovery rate (%)	24h Water Absorption rate (%)
Common WPC C series	2500-3500	22-25	3.5-6	60-70	5.5-10	75	0.8-1.2
Common WPC G series	3500-4500	26-35	6-9	65-75	5.5-8	75	0.6
Adamas WPC H series	5000-6500	45-55	11-15	85-100	4-6	80	0.6
Adamas WPC H series	5000-6500	50-60	13-18	95-110	3.5-5.5	85	0.6



## Bongywood Adamas WPC Products Superiority



High bending strength



More impact resistance



High tensile strength



Good color fastness



High self-cleaning



Low water absorption rate

# CLASSIC COMPOSITE DECKING

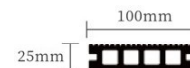


Wood plastic decking is widely used in outdoor courtyards, garden landscapes, parks, commercial places, etc. It not only waterproof, corrosion resistance, Eco friendly can also reducing the over-mining of plants to play a good economy and Environmental protection benefits are favored by the public in the construction field of outdoor building materials.

## SPECIFICATION



D10025



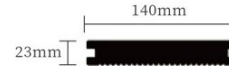
D14025



D14025-6



D14023S



D14530



D10030-2S



## SURFACE TEXTURE



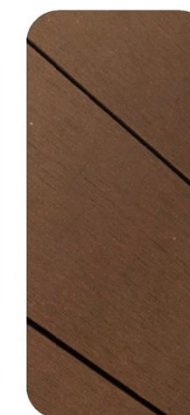
G2 Straight Wood Grain



G3 Cross Wood Grain



Brushing



Sanding

# DIY WPC DECKING TILES



## INFORMATION

Name: DIY WPC Decking Tiles  
 Application: Balcony, Terrace, Courtyard, Sun room, Garden, etc.  
 Specification: 30\*30cm, 30\*60cm, 30\*90cm  
 Texture: Wood grain, Brush grain, Groove  
 Advantages: Low Maintenance, No formaldehyde  
 Splicing method: Interlock design  
 Material: 30%HDPE+60%Wood Powder+10%Additives



正面

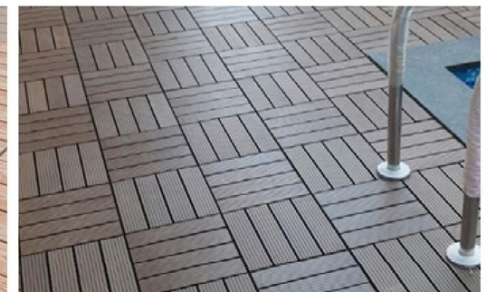
背面



30\*30cm

30\*60cm

30\*90cm



Easy to install



Non-slip



Easy to clean

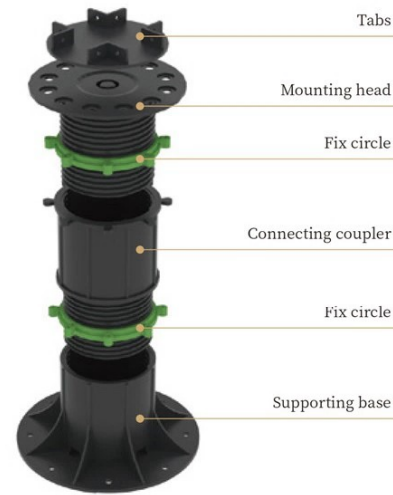


Waterproof



Eco-friendly

# ADJUSTABLE PEDESTAL



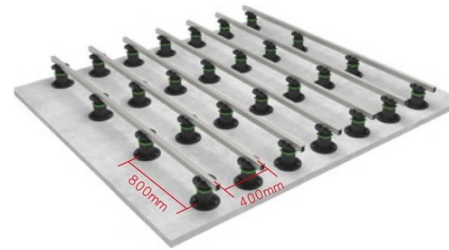
## ADVANTAGE

- Hiding the water tube, gauge, cable, etc.
- Meeting the demand of load bearing.
- Raising for water draining to protect decking.
- DIY assemble
- Various adjustable heights
- Fast installation to save time and labor
- Free maintenance

Adjustable Pedestal is mainly used to solve the problem of installing wood plastic decking on uneven ground and raising the entire deck system. It is widely used in swimming pools, gardens, roofs, balconies and other areas

## INSTALLATION GUIDE

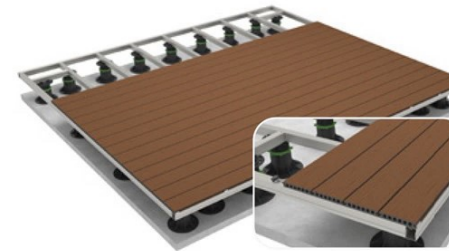
MB-DPAO-A	30-45mm	
MB-DPAO-B	45-75mm	
MB-DPAO-C	80-130mm	
MB-DPAO-D	130-175mm	
MB-DPAO-E	160-260mm	
MB-DPAO-F	190-320mm	



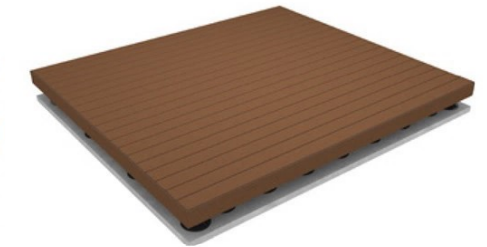
1. Snap the aluminum joists into the pedestal tabs.



2. Fix the joist connector at both ends of the joist, slide in the side groove of the joist to a suitable position, and fix it with screws.



3. The last step is to fix the decking onto the joists frame structure according to the installation guide.















4. Install the L-Shaped Corner Trim, Job Done!



Waterproof | Flame retardant | Anti -fracture | Not easily deformed

### SPECIFICATION

					
					
50*50mm	60*40mm	70*50mm	90*40mm	120*70mm	160*80mm

### INSTALLATION GUIDE





1. Fix the metal clip with expansion screws

2. Put the square tube in the metal clip and fix it with screws

3. The installation is complete

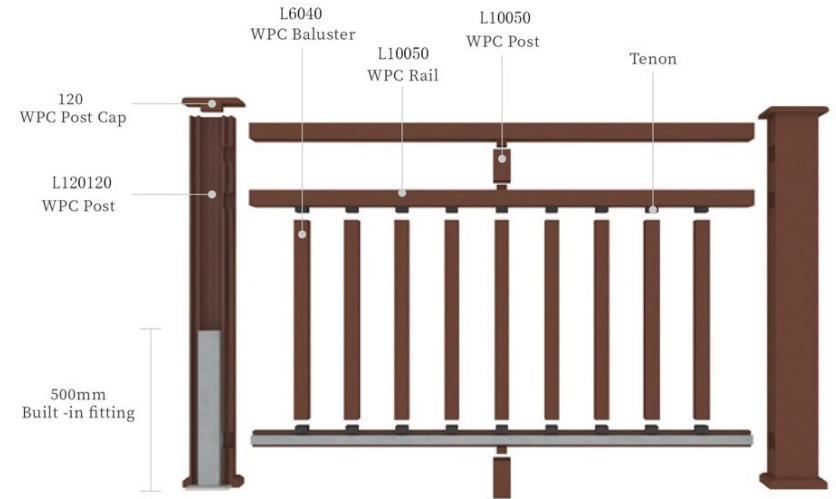


# WPC RAILING & FENCE



WPC Railing & Fencing appear of natural wood, but less timber problems. No painting or staining required, low maintenance, high durability, sustainability and weather resistance etc good performances, make it the best choice for your beautiful garden!

## RAILING COMPONENTS



## RAILING STYLE



ZS C001-1, L2000×H1200mm



ZS C001-2, L2000×H1200mm

## POST



L120120



L140140



L100100



L9040



L10050

## RAIL

## BALUSTER



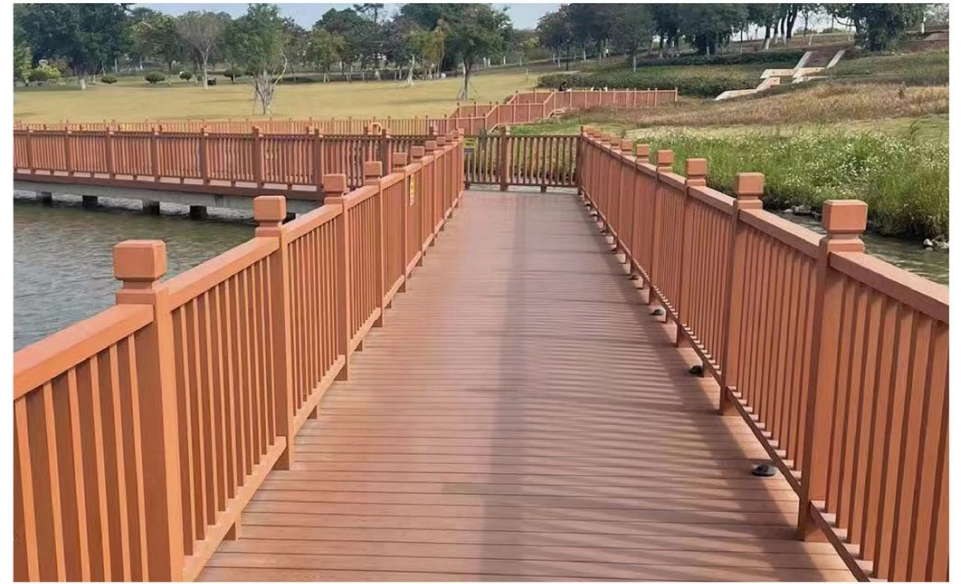
L3030



L5050

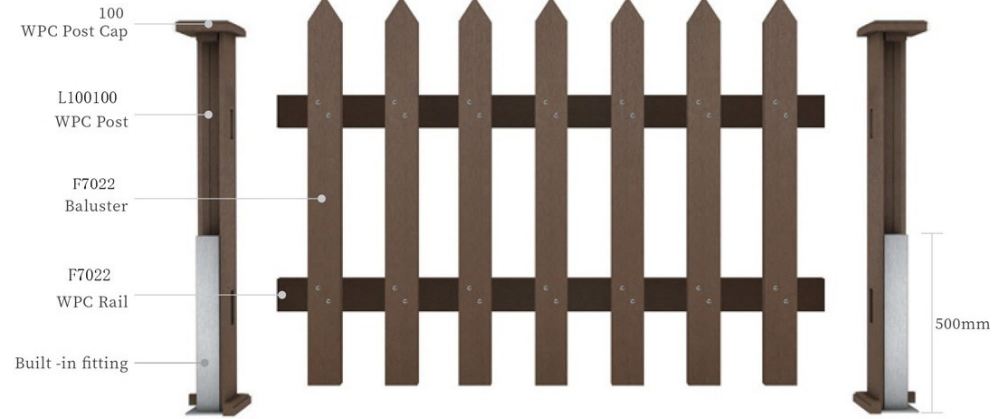


L6040





## FENCE COMPONENTS



## FENCE STYLE



ZSC010-1, L1500 × H900mm



ZSC010-2, L1500 × H900mm



ZSC010-4, L1500 × H900mm



ZSC011-1, L1685 × H1400mm



ZSC011-2, L1685 × H1400mm



ZSC012, L1685 × H1400mm



Post  
L100100



Post  
L9090



Rail  
F7022



Baluster  
F7022

## FENCE ACCESSORIES



Stainless Self-tapping screw



Built-in fitting



WPC Post Cap



WPC Base

# WPC PERGOLA



For villas, gardens, colony plots, restaurants, tea posts, road side refreshment areas, Pergolas are becoming favorite because of its woody look. Made with wood powder and PE with different surfaces like 'sanded' or 'brushed' or 'embossed' pergolas are perfect replacement of conventional wooden structures.

## PERGOLA STYLE



Style 1



Style 2



Style 3

## BLADE&BEAM END SHAPE



ZS-DT01



ZS-DT03



ZS-DT02



ZS-DT04

## SMALL POST TYPICAL PERGOLA

Suitable for a compact private outdoor venue such as villa courtyard, balcony, etc.

No.	Item No.	Name	Length(m)	Steel tube inside
1	L140140	Post	2.6m	1m
2	L12070	Beam	2.5m	2.5m
3	L10050	Blade	2m	—

Remarks: posts, beams and blades need to pass through the galvanized steel.

## BIG POST TYPICAL PERGOLA

Suitable for public outdoor areas such as parks and squares.

No.	Item No.	Name	Length(m)	Steel tube inside
1	L200200	Post	2.8m	1m
2	L18080	Beam	4m	4m
3	L16080	Blade	3m	—

Remarks: Large span distance pergola, when installing, should pay attention to the expansion joint between the connection points.



# WPC GAZEBO



## Gazebo style



Western style square gazebo



Western style hexagonal gazebo



Chinese style hexagonal gazebo

The WPC looks like wood but the performance is far more superior than wood as it is with high density, water & termites & decay resistant, Furthermore, it could be easily cut, drill, screwed. Optimal structural design and appropriate accessories, we also provide flexible design proposals.

Item No.	Name	post center long, width and height(mm)	Projection area(mm*mm)
1	Western style square gazebo	2000*2000*3000	3000*3000
2		2500*2500*3200	3850*3850
3		3000*3000*3200	4500*4500
4	Western style hexagonal gazebo	1800*1800*3200	2700*2700
5	Chinese style hexagonal gazebo	1800*1800*3200	2700*2700

# WPC BENCH



## SPECIFICATION

