

# LUMIX24

The LUMIX24 Collection offers a complete range of WPC solutions for modern outdoor living. Combining the natural look of wood with the durability of composite, our products deliver long-lasting quality with minimal maintenance.

The LUMIX24 Collection offers a complete range of WPC solutions for modern outdoor living. Combining the natural look of wood with the durability of composite, our products deliver long-lasting quality with minimal maintenance.

\*Cladding – Contemporary façades with style and protection

\*Decking – Safe, durable terraces for everyday use

\*Fencing – Secure, low-maintenance boundaries with a modern design

\*Pergolas – Functional structures that enhance outdoor spaces





# PRODUCT COLOR CARD

# LUMIX21

## 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



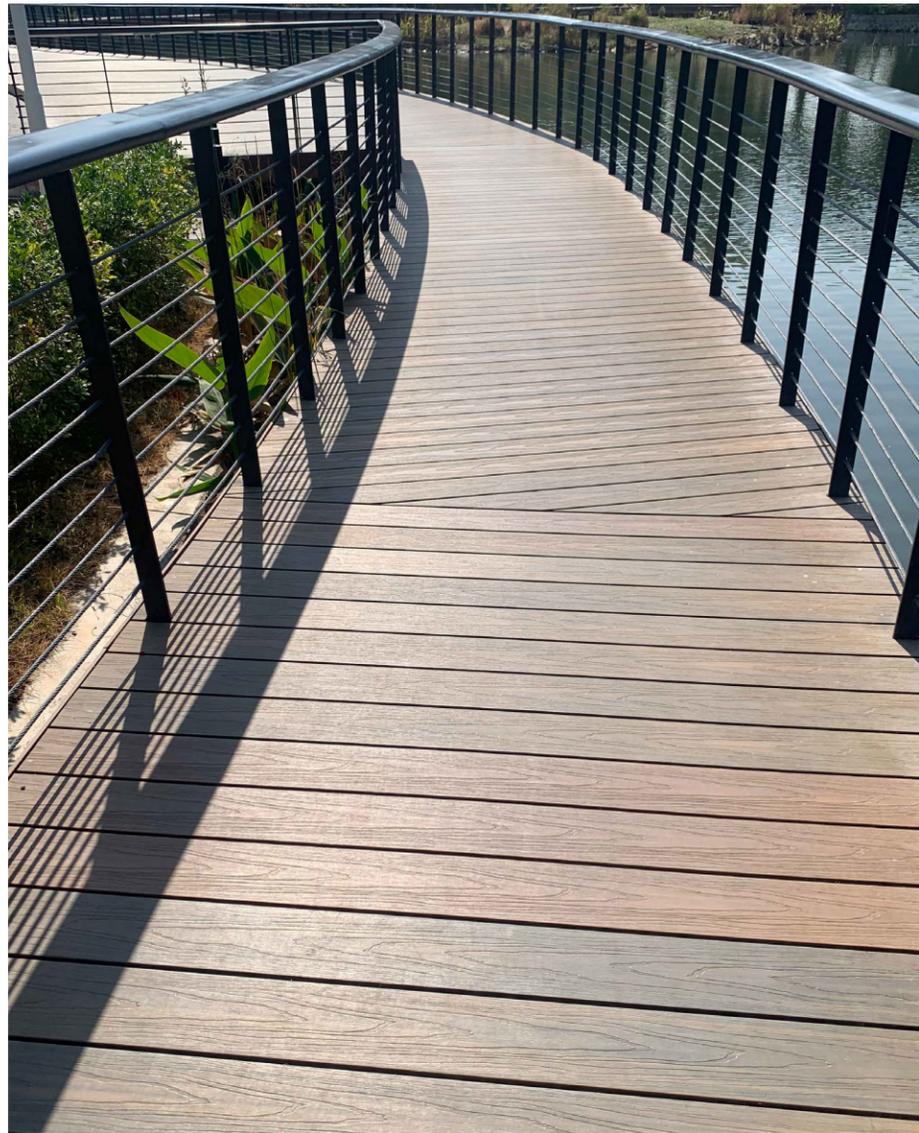
Chocolate



Light Grey



Dark Grey



**D2**

**CO-EXTRUSION  
SERIES**

## CAPPED COMPOSITE DECKING

In 2025, we grandly launched the 3rd-generation wood plastic composite decking. The wood was evenly covered with the protection layer. The 360° layer of protection and the core are extruded at the same time.

Compared with the 2nd 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

G

H

## 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.



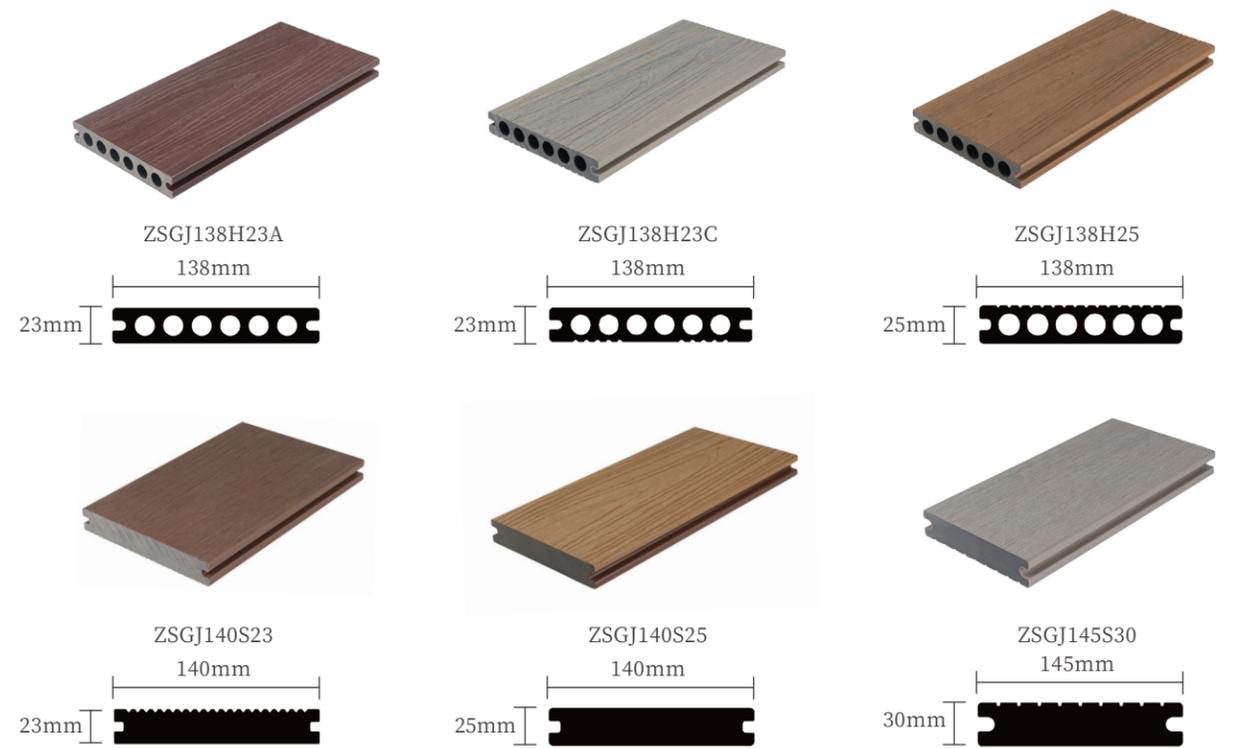
60%  
Wood Powder



30%  
HDPE



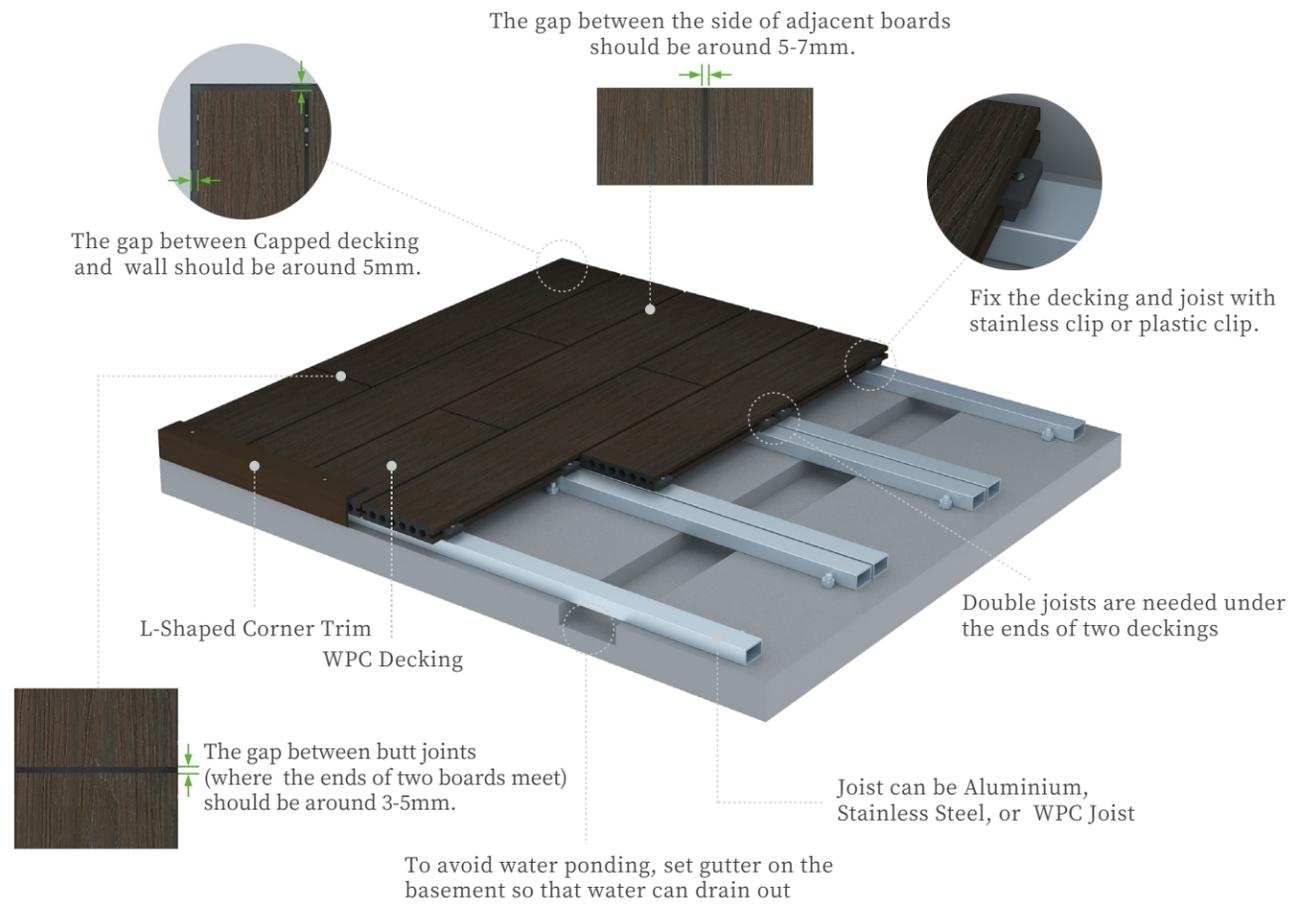
## SPECIFICATION



## SURFACE TEXTURE



## 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: ZSGJ138H23A  
Color: Teak



Name: Capped Composite Decking  
Model: ZSGJ138H23A  
Color: Antique



Name: Capped Composite Decking  
Model: ZSGJ138H23C  
Color: IPE

# WPC CARBON FIBER DECKING



There is no interval between the two decks of the WPC carbon fiber 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

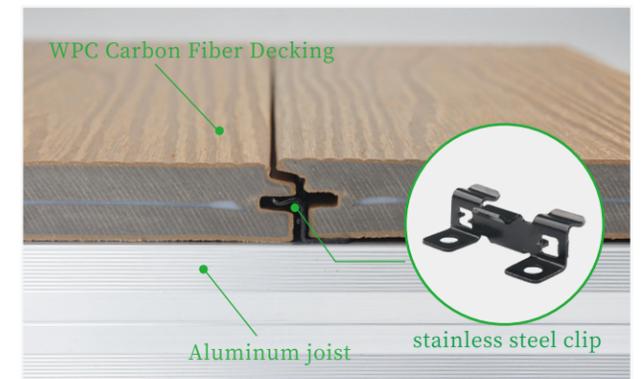
Name: WPC carbon fiber decking  
 Application: Balcony, Terrace, Courtyard, Sun room, Garden, etc.  
 Model: TG145S20.5  
 Texture: Wood grain, Brush grain  
 Advantage: Waterproof, No gap, No -formaldehyde  
 Materials: WPC+CFRP (Carbon Fiber Reinforced Polymer)



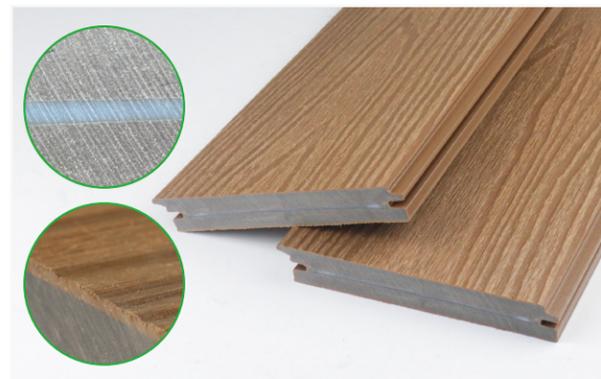
## ADVANTAGE



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 2mm-thick Carbon Fiber Reinforced Polymer (CFRP) material, with its reinforcing and low-shrinkage carbon fiber sheet, acts like steel rebar in the decking to effectively resist pressure and impact.



4. The WPC carbon fiber decking has a compressive resistance of over 6,400N.

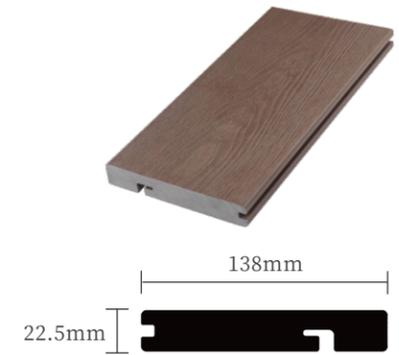
# COMPOSITE STAIR BOARD



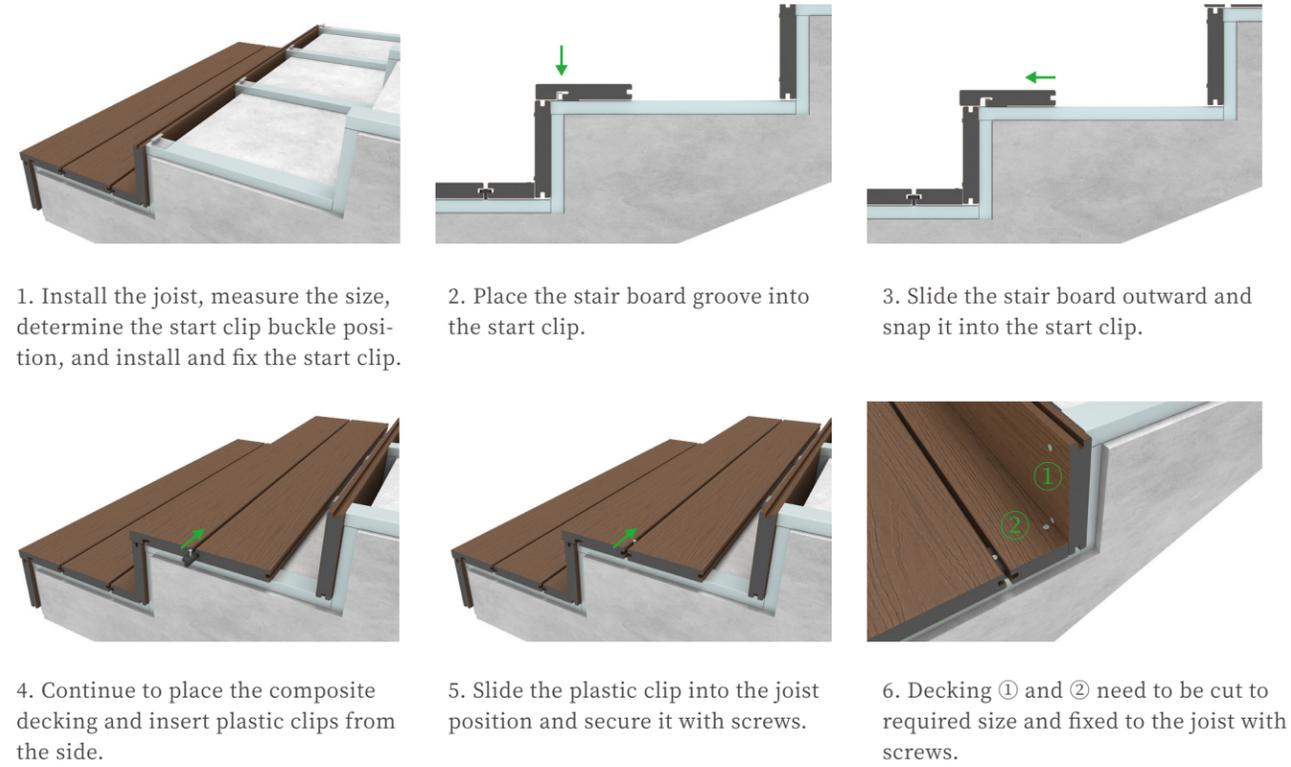
Composite stair board is a new environmentally friendly building material that combines wood texture and plastic corrosion resistance. It does not require painting, is waterproof, moisture-proof, insect resistant, and suitable for humid environments. High hardness, wear-resistant and impact resistant, easy installation, and can be cut and spliced. Rich in color, balancing aesthetics and practicality, it is a high-quality choice for indoor and outdoor staircase decoration.

## INFORMATION

Name: Composite Stair Board  
 Application: Landscape staircase, boardwalk staircase etc.  
 Model: ZSGJ138S22.5  
 Texture: Wood grain  
 Advantage: Waterproof, Anti-slip, Easy to clean  
 Materials: 30% HDPE+60% Wood powder+10% Additive



## INSTALLATION GUIDE



## ACCESSORIES



Stainless steel start clip



Plastic clip



Steel joist

# 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.

# CAPPED COMPOSITE CLADDING

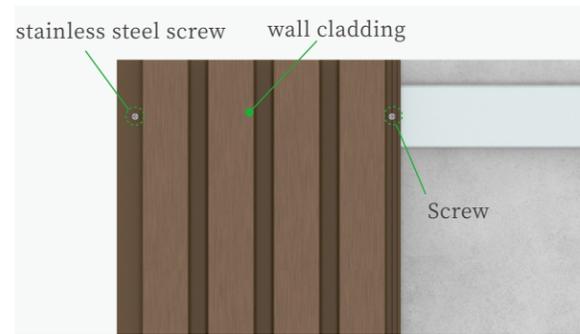


The WPC composite cladding boards can be installed either vertically or horizontally, easy installation and low maintenance, we use hidden system, the wall boards are overlap to hide the screw or clip. Nature timbers look but less timber problem, long-lasting and easy-going color.

## INSTALLATION GUIDE



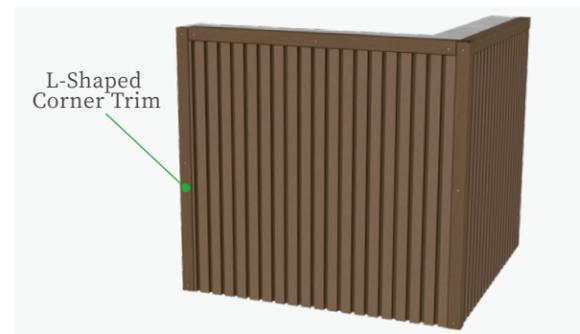
1. Install the joist, the center distance shall not exceed 500mm.



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



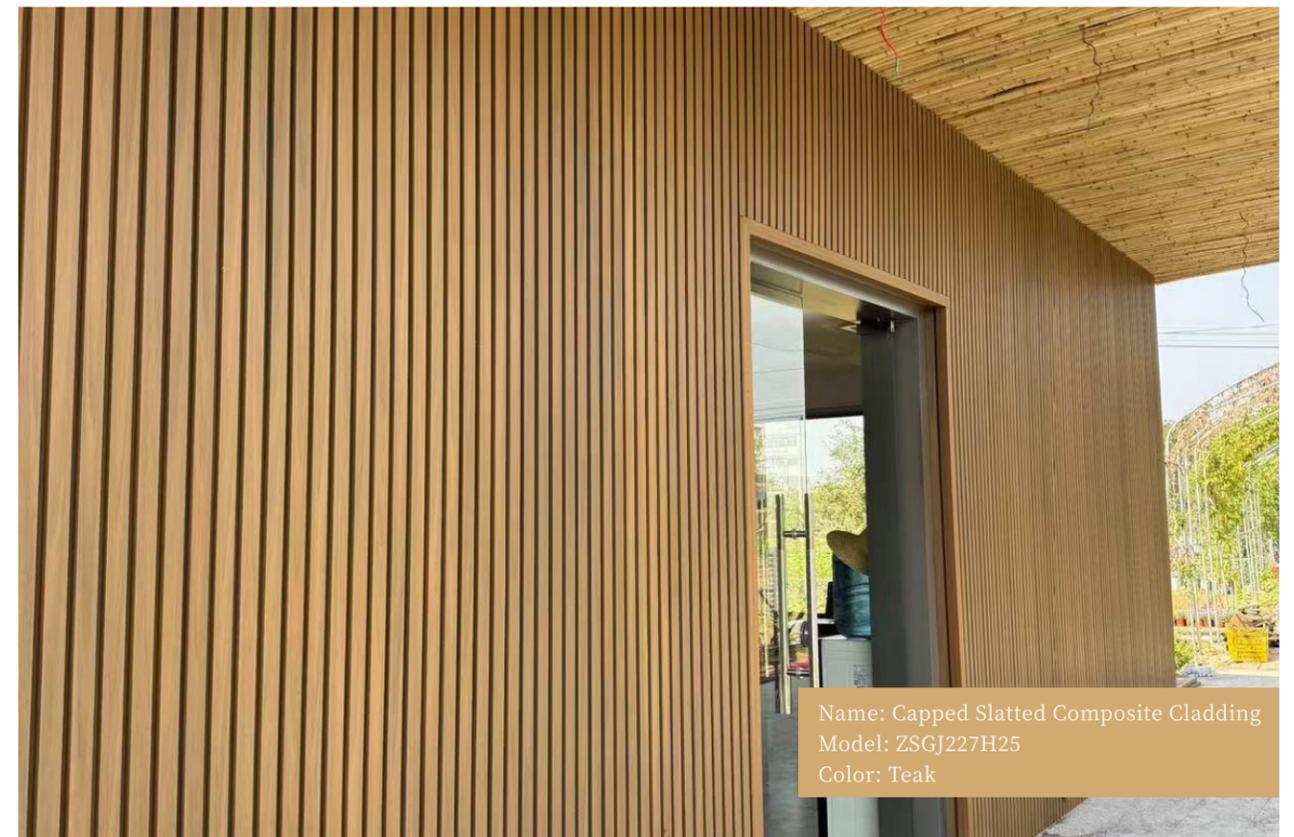
WPC joist  
Dim: 40\*30\*3000mm



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



Name: Capped Slatted Composite Cladding  
Model: ZSGJ227H25  
Color: Maple 6



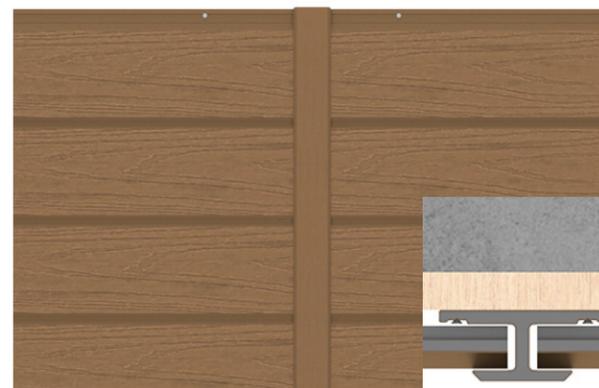
Name: Capped Slatted Composite Cladding  
Model: ZSGJ227H25  
Color: Teak

# WPC Cladding & Decking

Paired with corner trim of the same color, it is beautiful and easy to install.

A sleekly designed façade or an inviting terrace starts with the right materials. With our WPC cladding and decking planks, you bring the perfect balance between natural elegance and modern technology to your home. The warm character of wood is combined with the durability of composite, creating a timeless and stylish foundation for any outdoor space. Whether it 's contemporary façade cladding or a welcoming terrace, WPC provides a solid base for years of living and garden enjoyment.

## SPECIFICATION



Name: H-Trim  
Model: ZSGJ80L34  
Size: 80\*34mm



Name: Inside Corner Trim  
Model: ZSGJ70.5L70.5  
Size: 70.5\*70.5mm



Name: Outside Corner Trim  
Model: ZSGJ69L69  
Size: 69\*69mm



Name: F-Trim  
Model: ZSGJ64L44  
Size: 64\*44mm



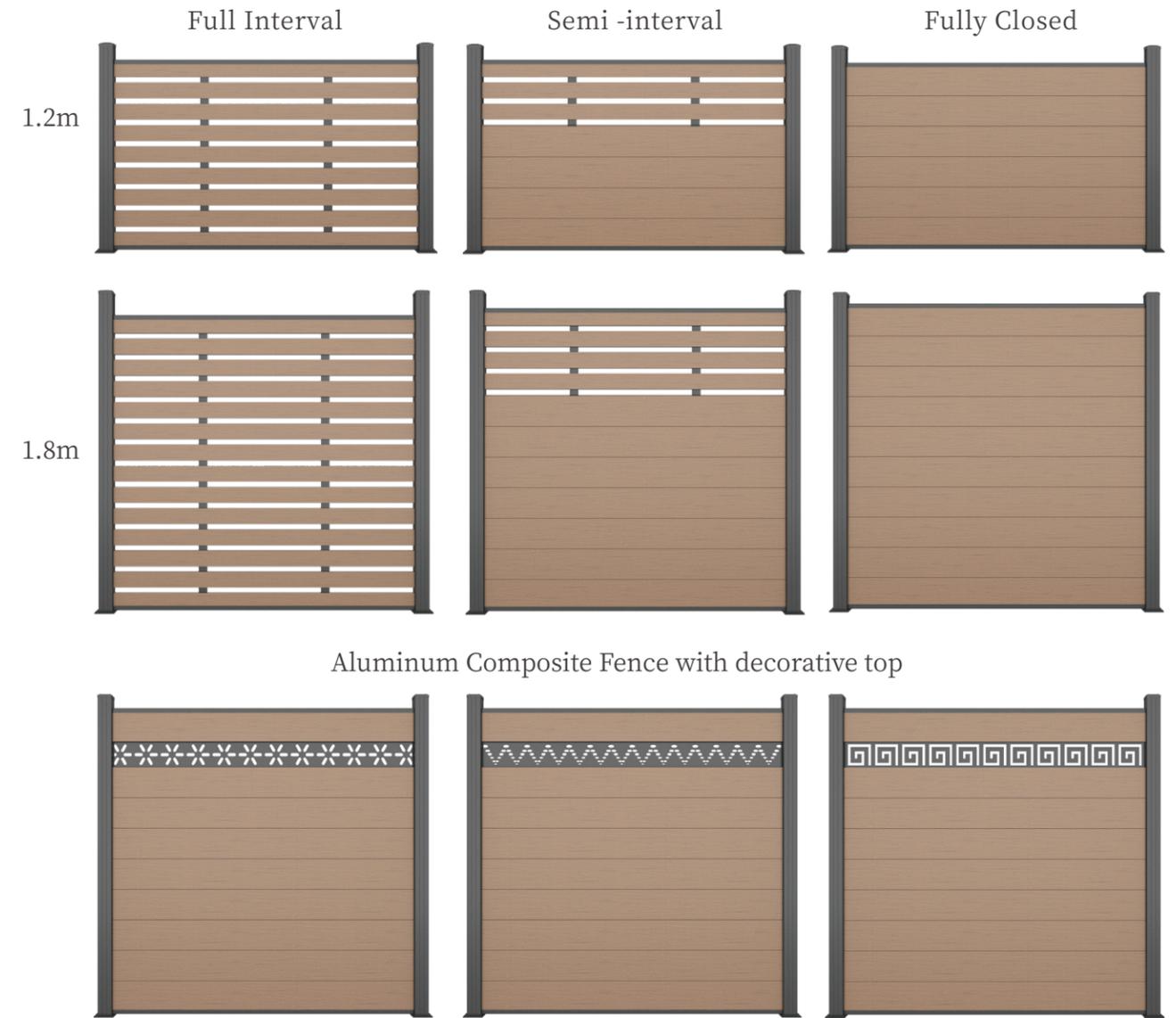
# ALUMINUM WPC FENCE



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



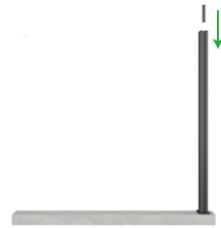
1. Pre-drill holes into the hardened ground at the screw holes.



2. Fix the post and post baseplate with Countersunk head hex screws.



3. Fix the post on the hardened ground with expansion screws.



4. Install the post slide cover.



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



6. Slot the fence panels between posts.



7. Install partition accessories ① and ③.



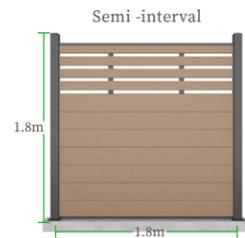
8. Install partition panels in sequence.



9. Install the top rail.



10. Install the post cap.



11. Job Done!

## ACCESSORIES



WPC Door



Aluminum Post



Post Baseplate



Post Cap



L-Bracket



Top&Bottom Rail



Post Slide Cover



Name: Aluminum WPC Fence  
Model: ZSGJ170H24  
Color: Teak



Name: Aluminum WPC Fence  
Model: T180H24  
Color: Teak



Name: Aluminum WPC Fence  
Model: ZSGJ90H24.5  
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, our 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: ZS150H23  
Color: Teak



Name: 3D Embossing Decking  
Model: ZS140H25B  
Color: Teak

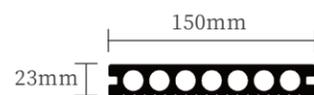


Name: 3D Embossing Decking  
Model: ZS140S23B  
Color: Red Wood

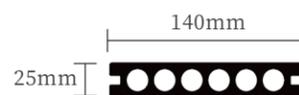
SPECIFICATION



ZS150H23



ZS140H25B



ZS140S23B



SURFACE TEXTURE



S3 Wood Grain



S4 Wood Grain



S5 Wood Grain

# DA

## ADAMAS SERIES

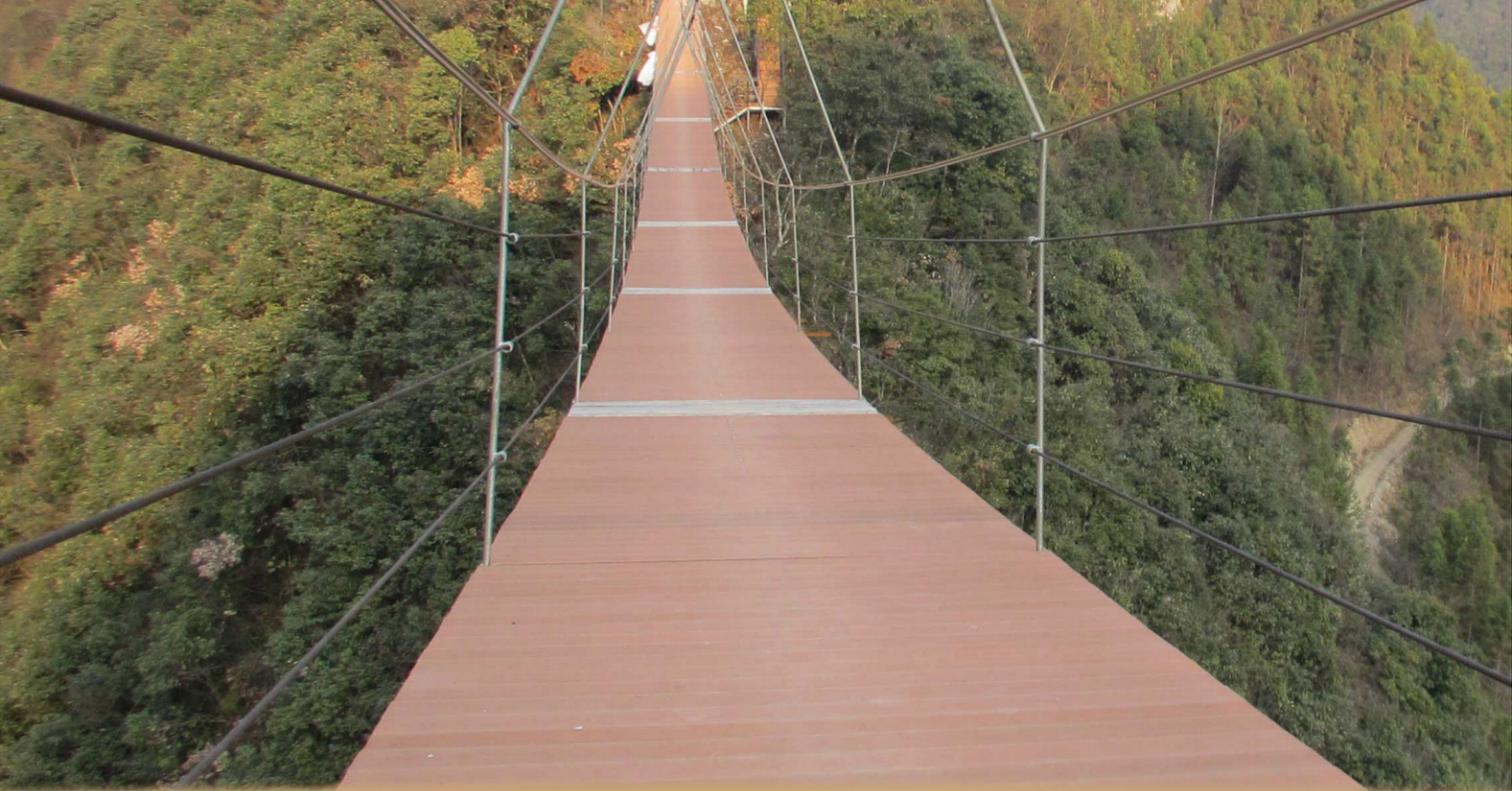
Adamas series products are currently the most leading wooden plastic materials in the world. Because of its excellent performance and quality, it has obtained the reputation of "BMW in the car, and adamas wood in the wood"! It is a mixed biomass powder and high-performance modified plastic, adding special 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   | ZS140H25 | Hollow decking | 300                | 450                   |
| 2   | ZS150H30 | Hollow decking | 350                | 550                   |
| 3   | ZS140H40 | Hollow decking | 400                | 700                   |
| 4   | ZS145H50 | 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 S series | 5000-6500               | 50-60                   | 13-18                     | 95-110                        | 3.5-5.5                                | 85                      | 0.6                           |



## Our 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



ZS100H25  
100mm  
25mm



ZS140H25A  
140mm  
25mm



ZS140H25B1  
140mm  
25mm



ZS140S23B  
140mm  
23mm

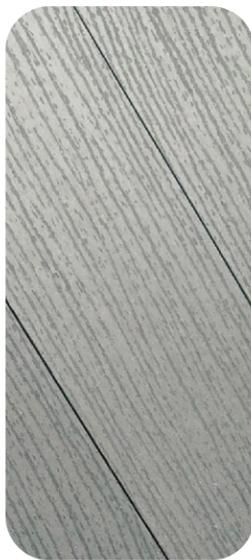


ZS145H30  
145mm  
30mm



ZS100S30F  
100mm  
30mm

## SURFACE TEXTURE



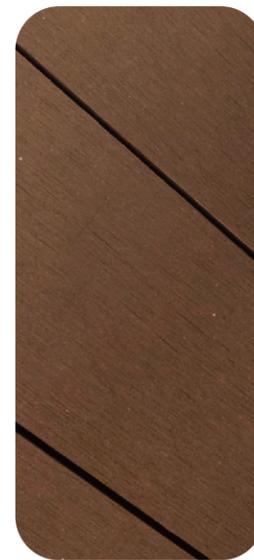
G2 Straight Wood Grain



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

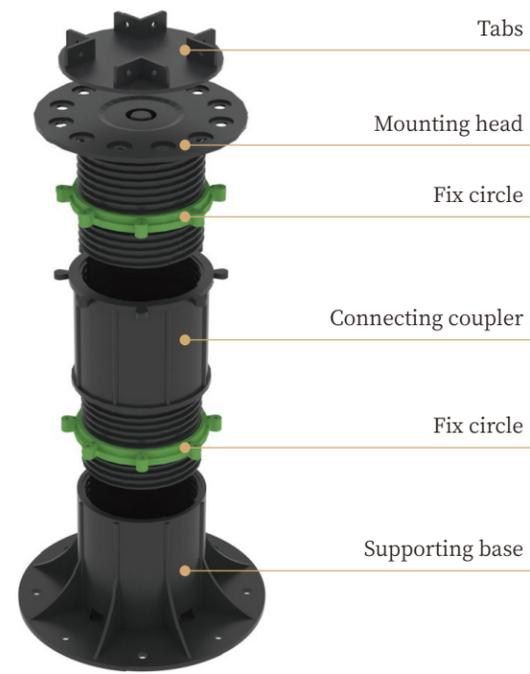


Waterproof



Eco-friendly

# ADJUSTABLE PEDESTAL



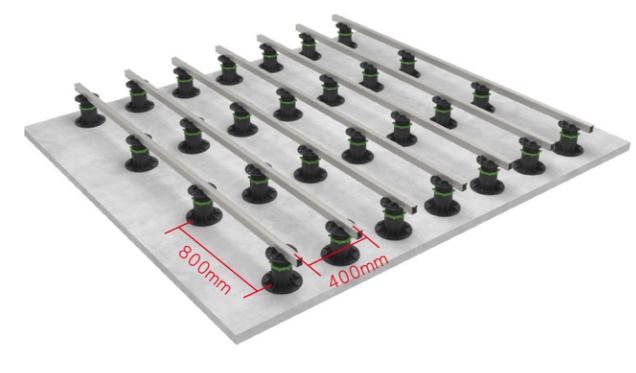
## ADVANTAGE

- 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

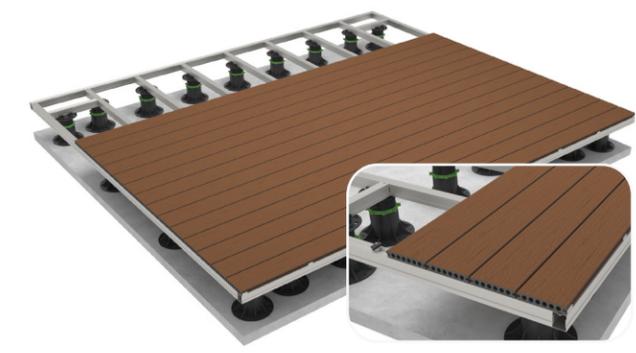
|           |           |  |
|-----------|-----------|--|
| MB-DPAO-A | 30-45mm   |  |
| MB-DPAO-B | 45-75mm   |  |
| MB-DPAO-C | 80-130mm  |  |
| MB-DPAO-D | 130-175mm |  |
| MB-DPAO-E | 160-260mm |  |
| MB-DPAO-F | 190-320mm |  |



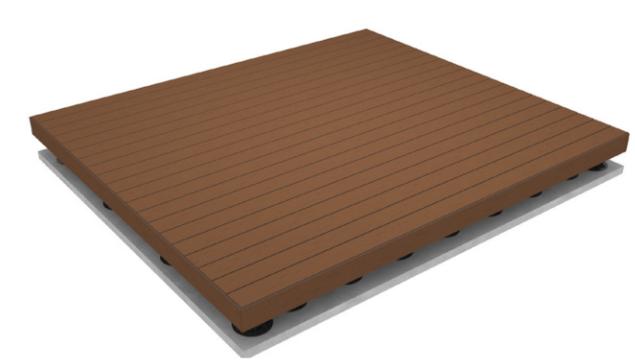
1. Snap the aluminum joists into the pedestal tabs.



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.

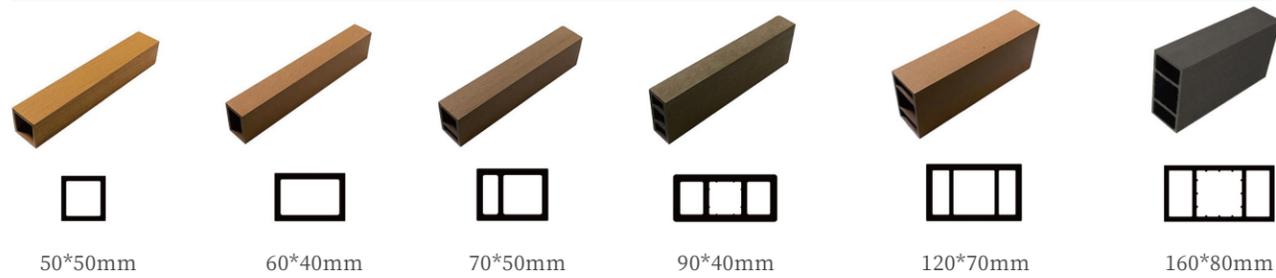


4. Install the L-Shaped Corner Trim, Job Done!



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

### SPECIFICATION



### 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

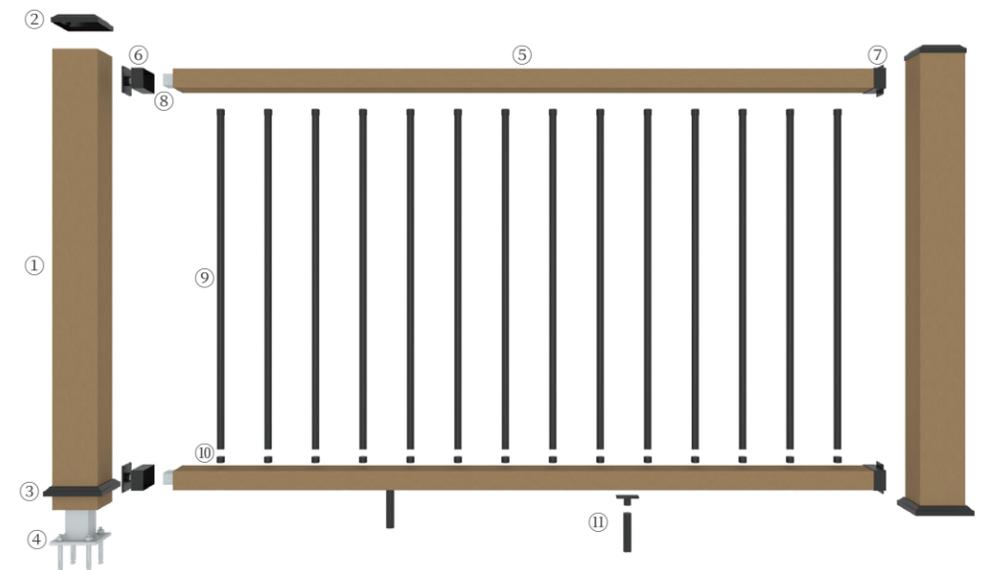


# COMPOSITE RAILING



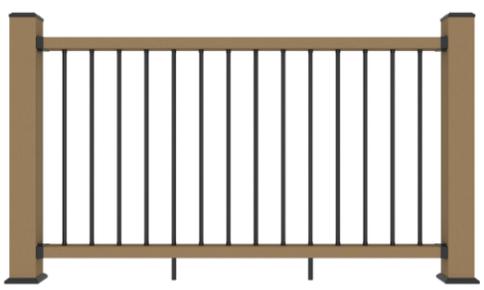
Composite railing appear of natural wood, but less timber problems. No painting or staining required, low maintenance, high durability, sustainability and weather resistance etc good performances, make it the best choice for your beautiful garden!

## COMPONENTS

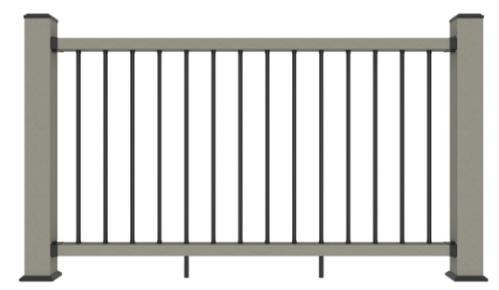


- ① WPC Post    ② Post Cap    ③ Post Base    ④ Built-in fitting    ⑤ WPC Rail    ⑥ Rotatable Connectors
- ⑦ Connectors    ⑧ Lined Steel    ⑨ Baluster    ⑩ Bottom Baluster Cap    ⑪ Foot Block

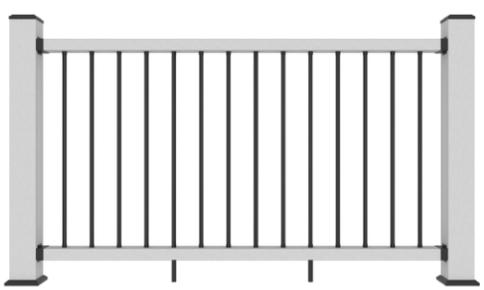
## COLOR OPTIONS



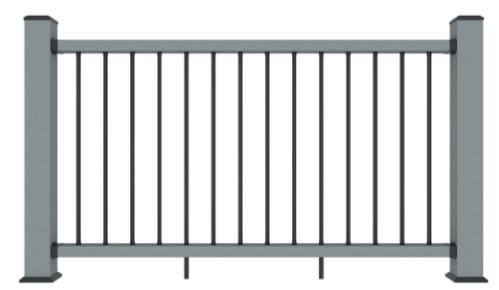
Teak



Antique

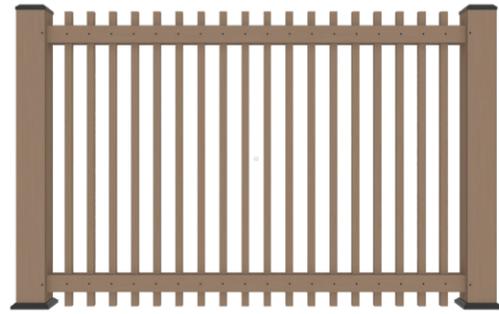


White



Light Grey

## RAILING STYLE



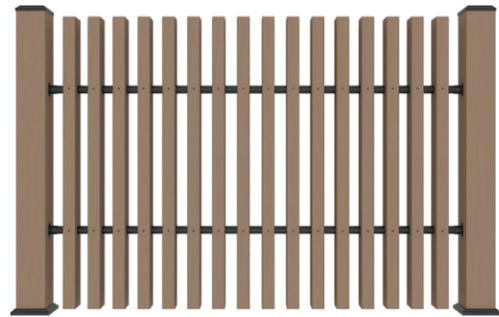
Style 1



Rail: ZS70S22



Baluster: ZS30S30



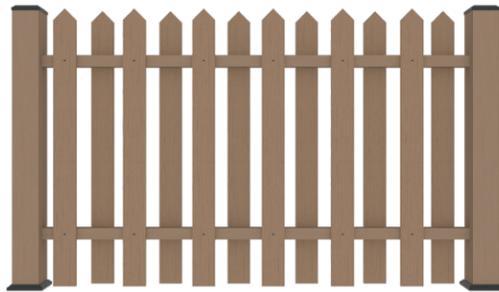
Style 2



Rail:  $\phi$ 32 Aluminum Tube



Baluster: ZSGJ95H50



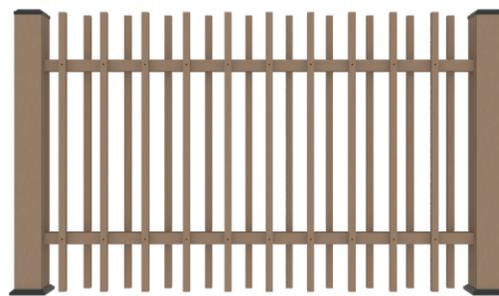
Style 3



Rail: ZSGJ50H50



Baluster: ZSGJ100S15



Style 4



Rail: ZS50H50A



Baluster: ZS30S30

## WPC BENCH



## SPECIFICATION



57\*32mm



70\*22mm



80\*40mm



80\*40mm



80\*40mm

# WPC PERGOLA



## PERGOLA STYLE



Style 1



Style 2



Style 3

## BLADE&BEAM END SHAPE



ZS-DT01



ZS-DT03



ZS-DT02



ZS-DT04



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.