



Green Design International Contribution Award



高端木塑材料制造商
High-end WPC Materials Manufacturer



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01 The Road to Growth

- 2013.12 ● Zhongshan Sundi New Materials Co.,Ltd. was founded.
- 2014.5 ● Adamas passes national high -tech product identification.
- 2016.5 ● Zhongshan Sundi launched the new generation Co-extrusion WPC decking and Adamas Co-extrusion WPC decking with high performance, more durable, more attractive, more fade and scratch resistant and more beautiful.
- 2016.11 ● Zhongshan Sundi won the "National High -tech Enterprise Certificate"
- Sundi Adamas was awarded the " World Green Design Contribution Award" and "ProductInnovation Award" in the world conference on green design organization hold in Brussels.
- 2017.9 ●
- 2017.11 ● Sundi" Adamas WPC" was elected the top 100 brands of wood building materials.
- 2018 ● Sundi was appointed by the State Forestry Administration as the standard drafting unit for extruded WPC board.
- 2018 ● Zhongshan Sundi was awarded "Enterprise with Excellent Credit Standing", "AAA Grade Credit Enterprise".
- 2018 ● Guangdong Bangying New Materials Co.Ltd was founded



Company Profile

Bangying Group is a high-tech enterprise specializing in R&D production and sales of Wood Plastic Composite materials and products. For years, we are committed to innovative research and provide high-quality recyclable WPC materials. Until now, Bangying has successfully developed hundreds of specifications and designs of WPC products, we enjoy good brand image in industry and assure the clients of excellent quality and environmentally friendly products for modern home life.

Bangying has an excellent professional R&D team, and also has established a long-term Industry-University-Research cooperation with CHINESE ACADEMY OF FORESTRY, NANJING NORMAL UNIVERSITY, SOUTH CHINA AGRICULTURE UNIVERSITY and SOUTHEAST FORESTRY UNIVERSITY etc. Universities and Institutions. Bangying owns more than 15 patents and some other star products, Bangying Adamas WPC, Soft WPC and Curved WPC are the leading products in WPC industry. Bangying has become a leading enterprise in China's Wood Plastic Composite industry.

Guangdong bangying New Materials Co., Ltd, is a professional manufacturer of WPC (wood plastic composite). The factory is located in Guangdong Province Sihui city, Guangdong province, enjoying superior geographical position and convenient transportation.



Master the Core Technology of WPC Chinese High-end WPC Materials Manufacturer



01

Technical innovation

Always walking on the road of innovation

We pay attention to quality and dedication. We have been on the road of innovation. We have never stopped. We have obtained a number of national scientific research qualifications, certifications, patents, and do their best for the development of the industry!

02

Professional Manufacturer

Reasonable and effective allocation mode

The modern management team, the production process of the assembly line, a reasonable and effective distribution model, the orderly controlling the quality of the product, and providing a stable and high-quality wooden plastic product for the market.

03

Marketing

Domestic and foreign trade

Internal and foreign trade, team-based marketing models, real-time analysis of market movements, accurate services, and high-end customized products correspond to market demand.

Service

Guangdong bangying after years of practical accumulation, innovative thinking, professional services, focusing on product development, production and application of products, we have attached importance to services to customers.

Innovative thinking and professional services, Bangying people will create a health and beautiful tomorrow with you!



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.

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 Banging'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 Banging 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.



Specification



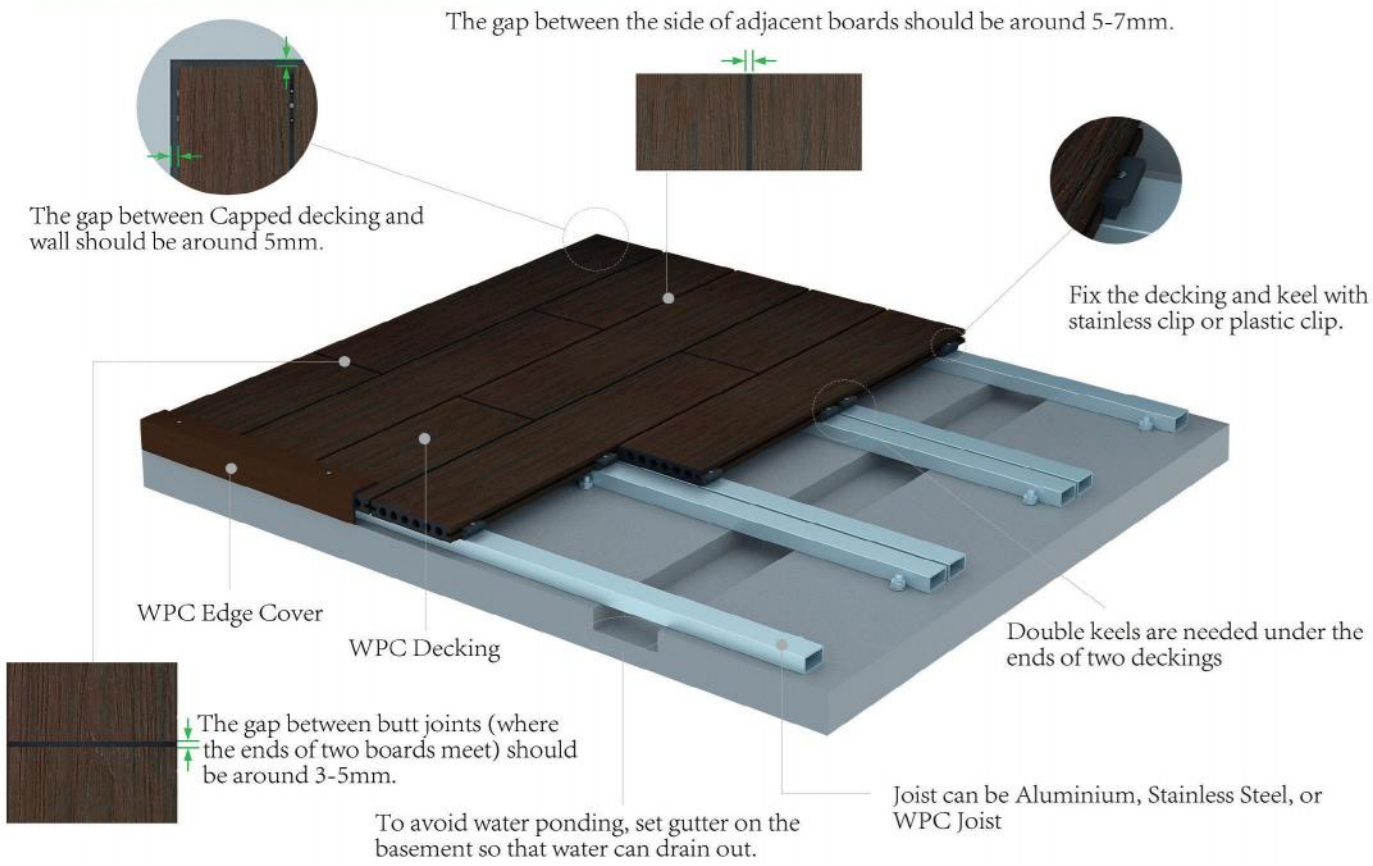
Surface treatment



H2 wood grain

H1 straight grain

·Installation guide



·Accessories



Stainless steel start clip



L-shape edge cover
Dim: 50*50*3000mm



Plastic clip



Skirting Trim
Dim: 71*11*3000mm

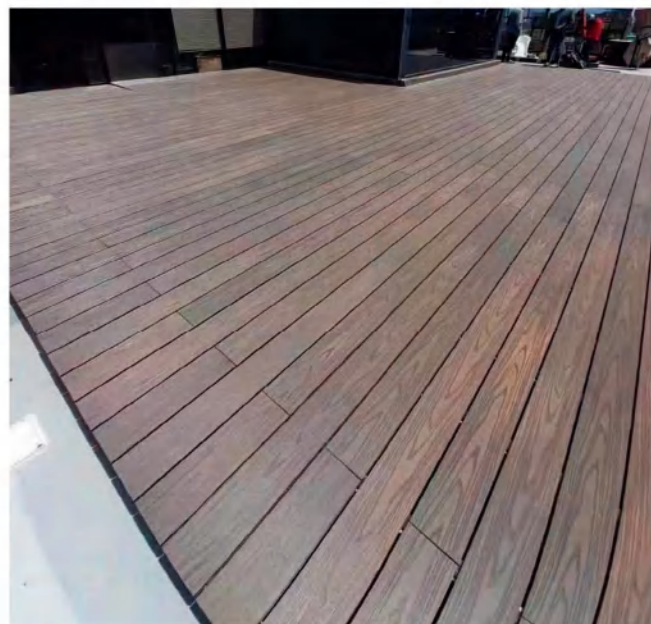
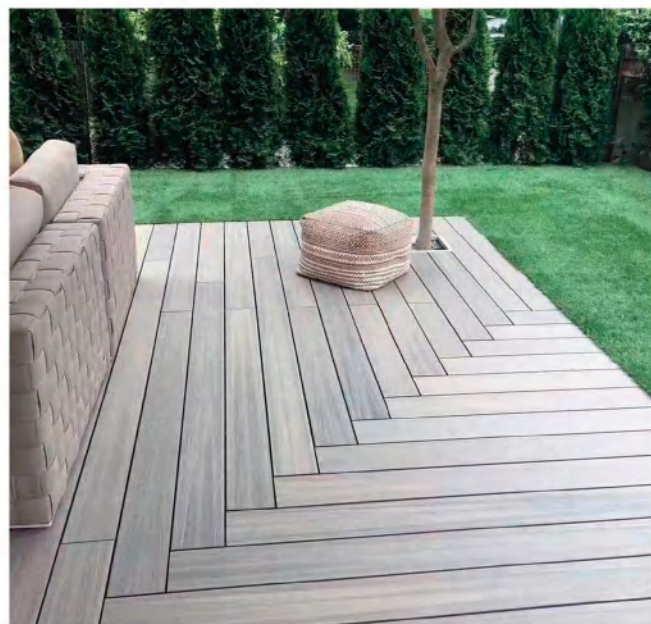


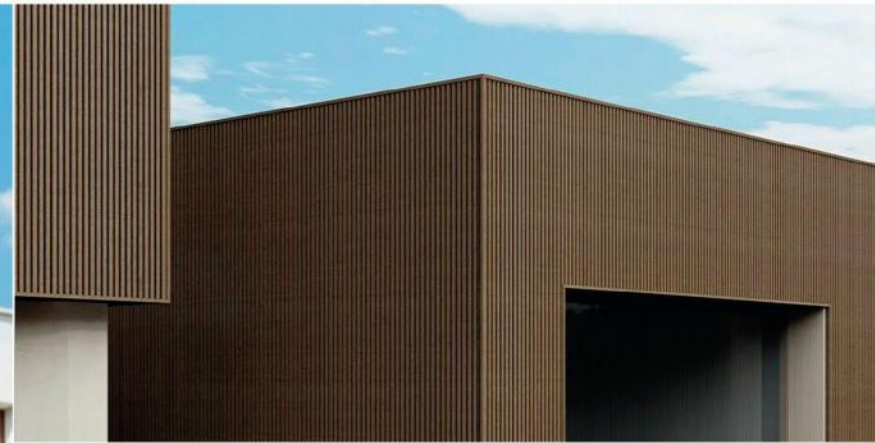
Expansion screw



WPC joist
Dim: 40*30*3000mm







Capped Slatted Composite Cladding

The wall cladding has an advanced tough plastic shield encasing all four sides around WPC core to provide added protection. The extrusion process making it long lasting and ultra-low maintenance with highly stain & UV resistance. It never needs staining or treating, just a regular wash down and it is good as new every time. Slatted cladding has gorgeous lines and is available in nine colors, It looks natural wood.



ZSGJ227H25



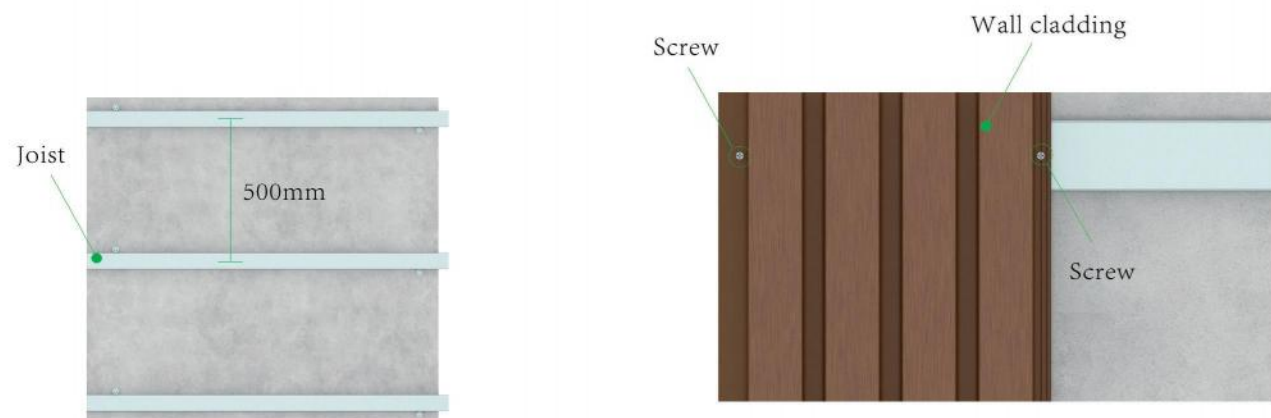
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ZSGJ135H23

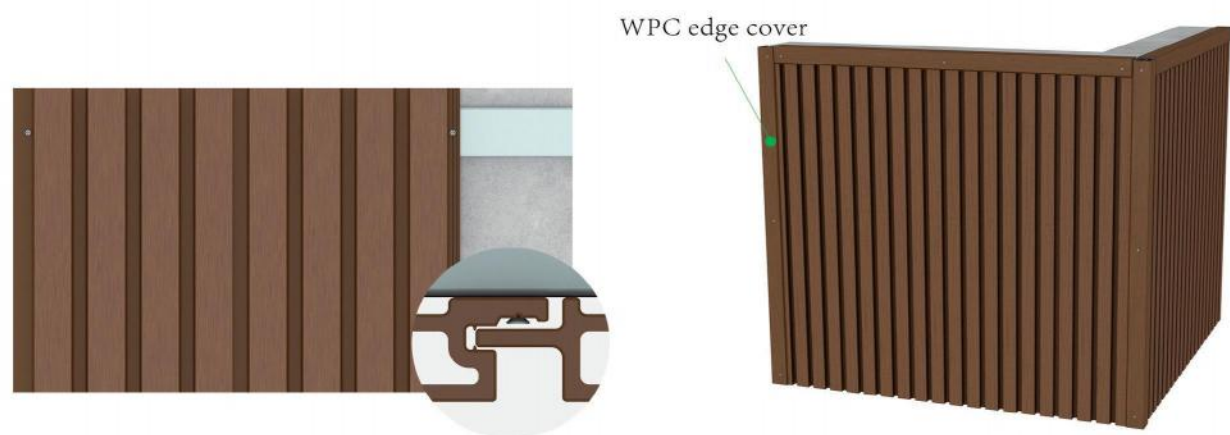


Installation guide



1. Install the joist, Center distance is 500mm

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



3. Install other wall cladding in order

4. Install the WPC edge cover and complete the installation

- 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
- Durable and reliable quality
- Healthy and environmentally friendly

Accessories



Stainless Self Screw



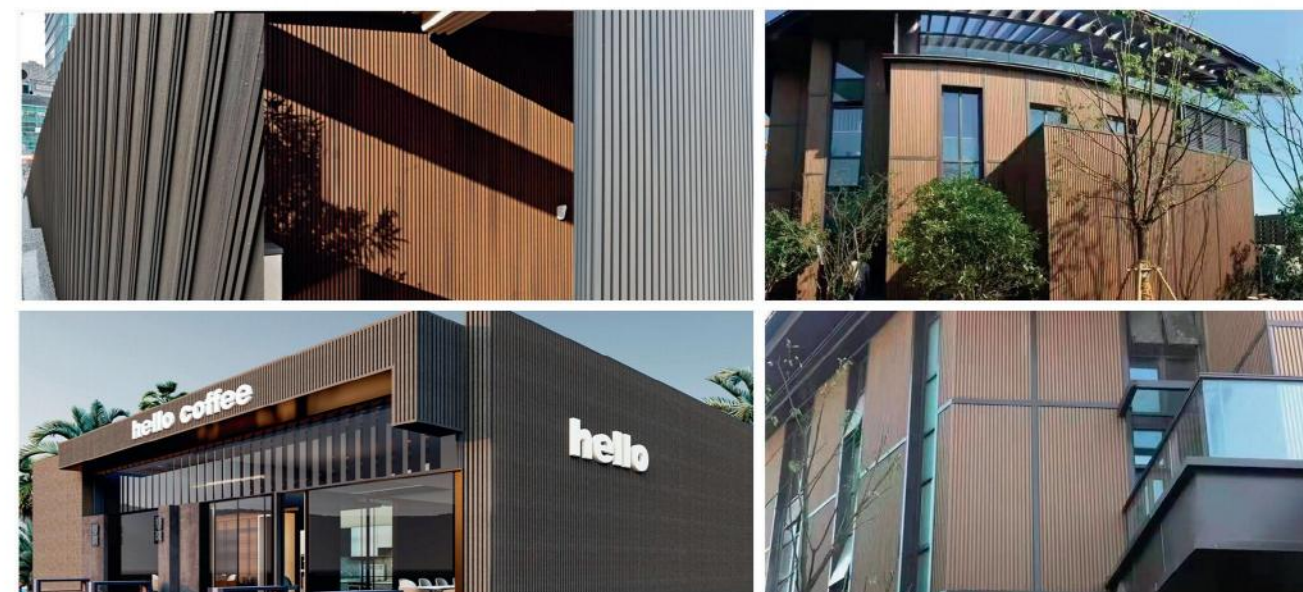
WPC edge cover



Expansion screw



WPC joist



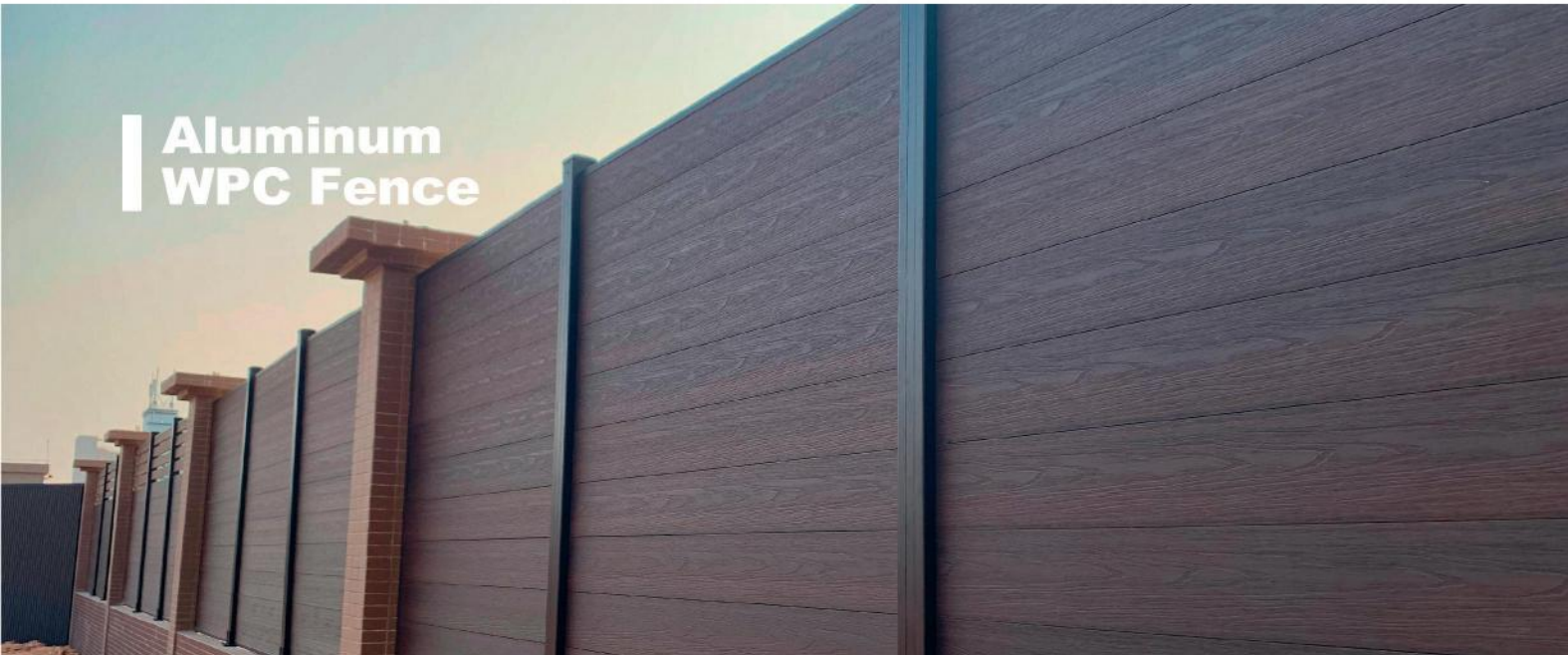
Capped Composite Cladding

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.

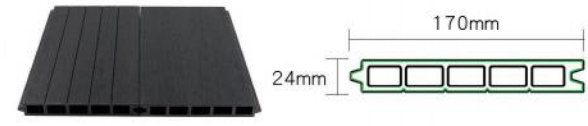
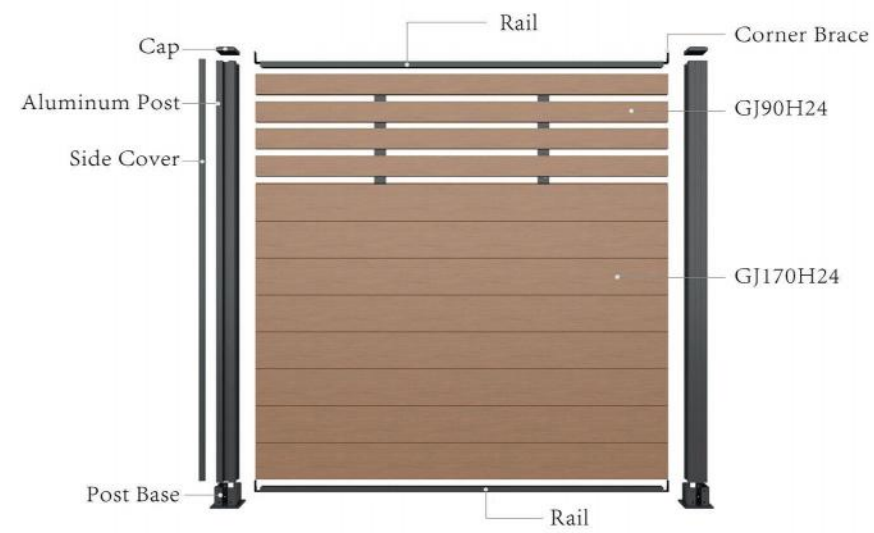


Specification

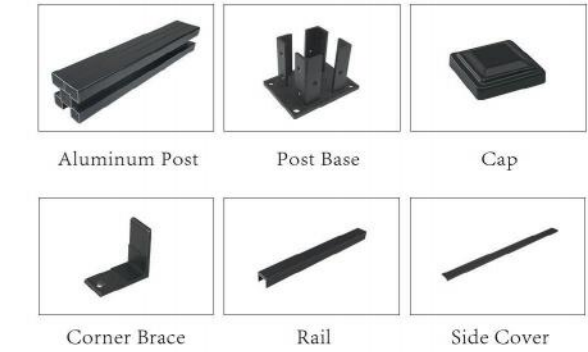




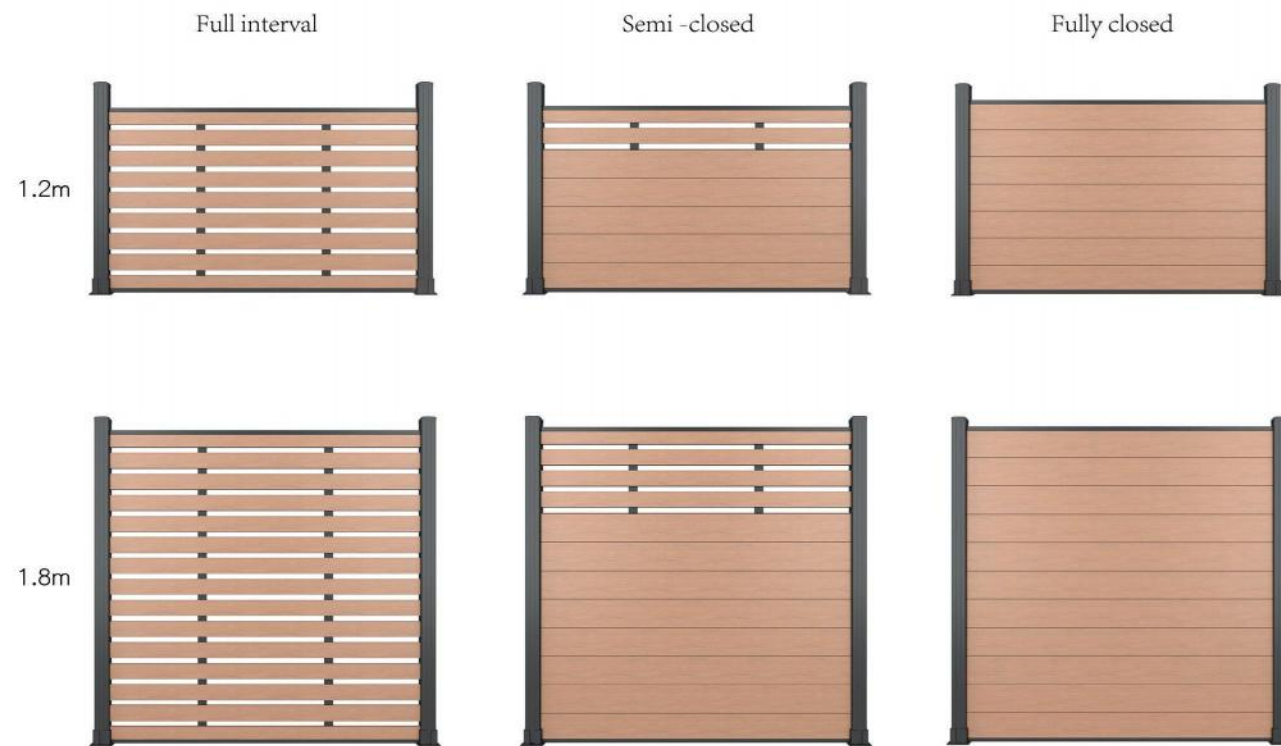
Fence Components



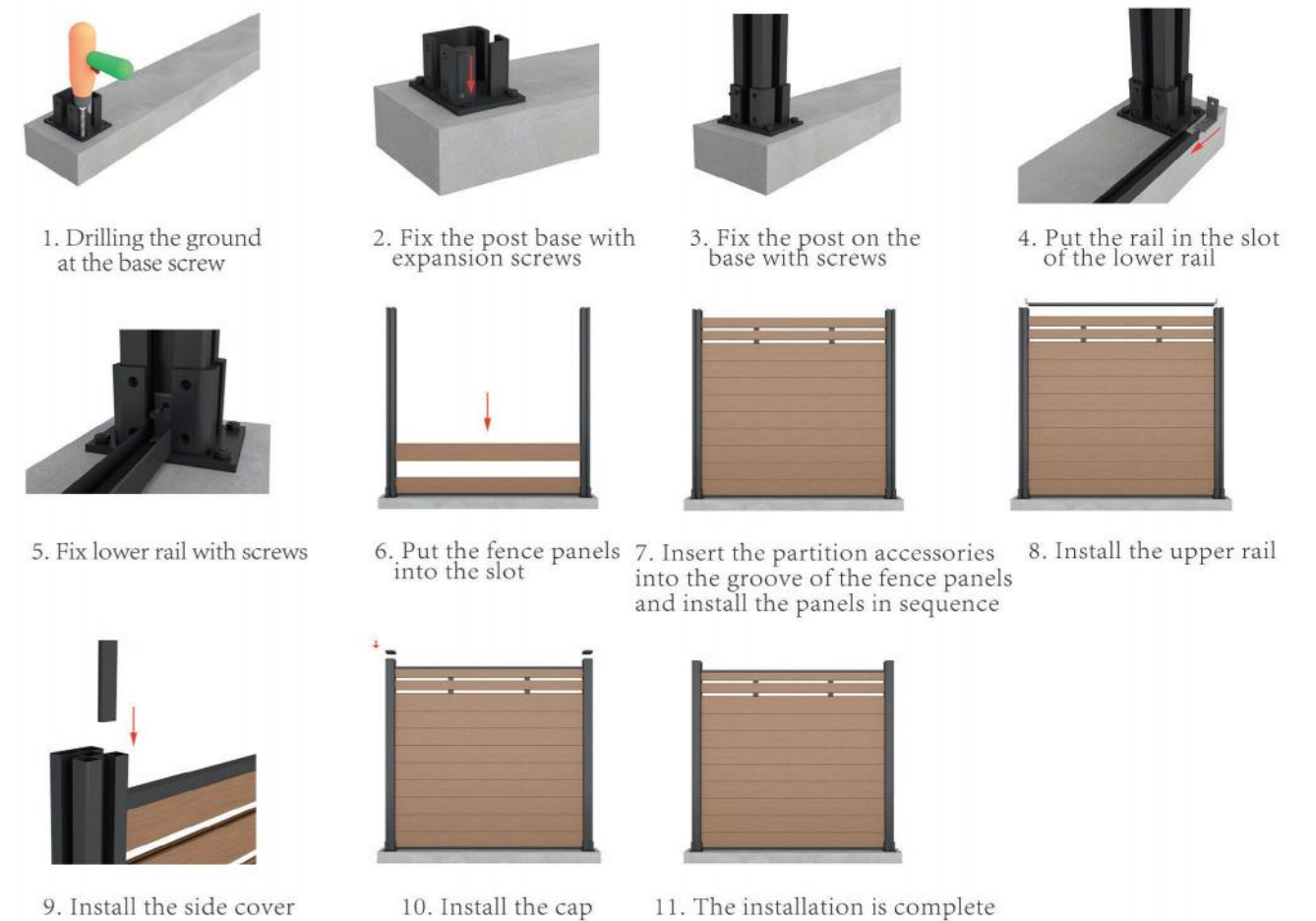
Accessories



Specification



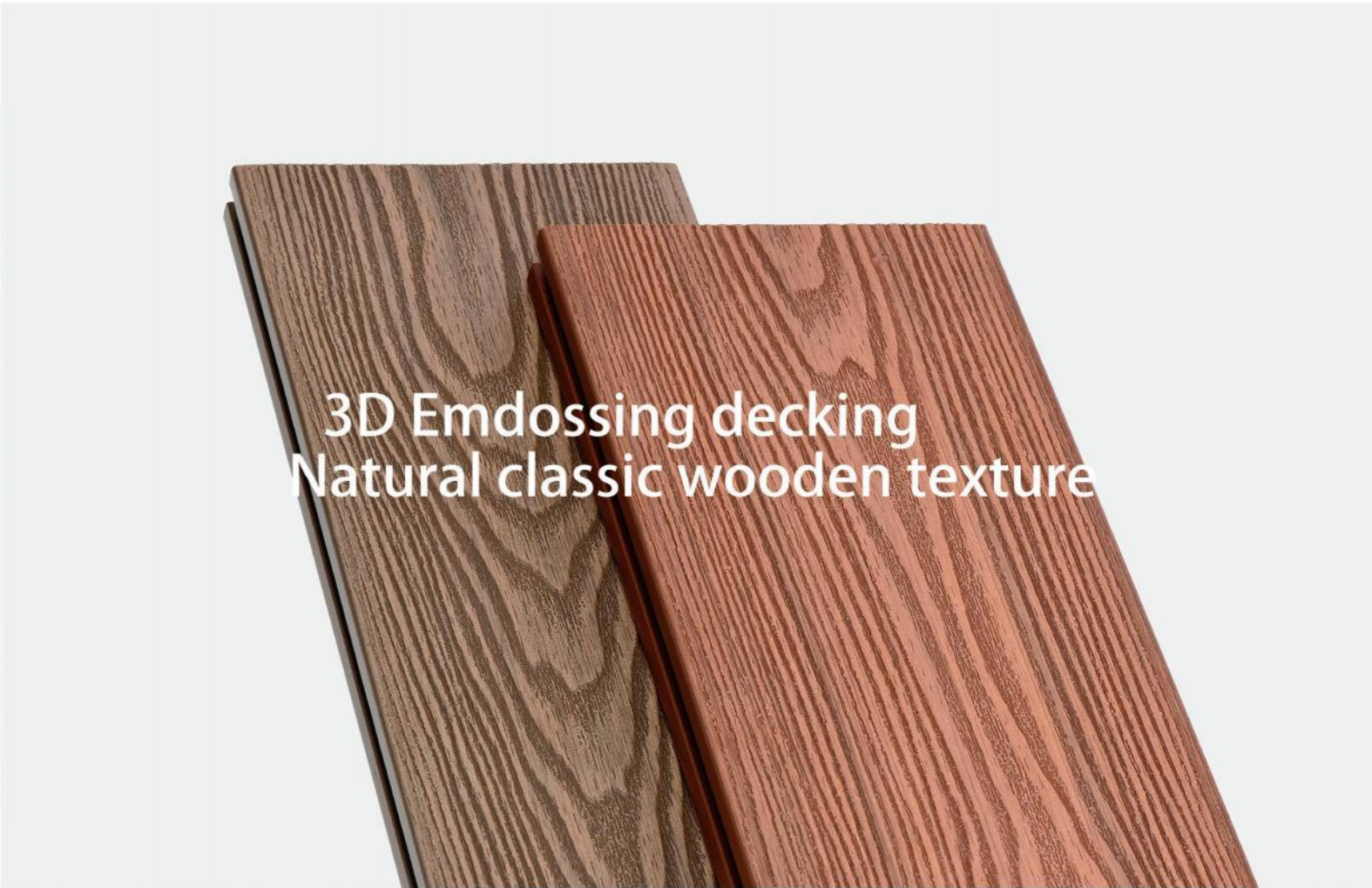
Installation guide





wood grain clear | natural color | scratch resistant | stain resistance





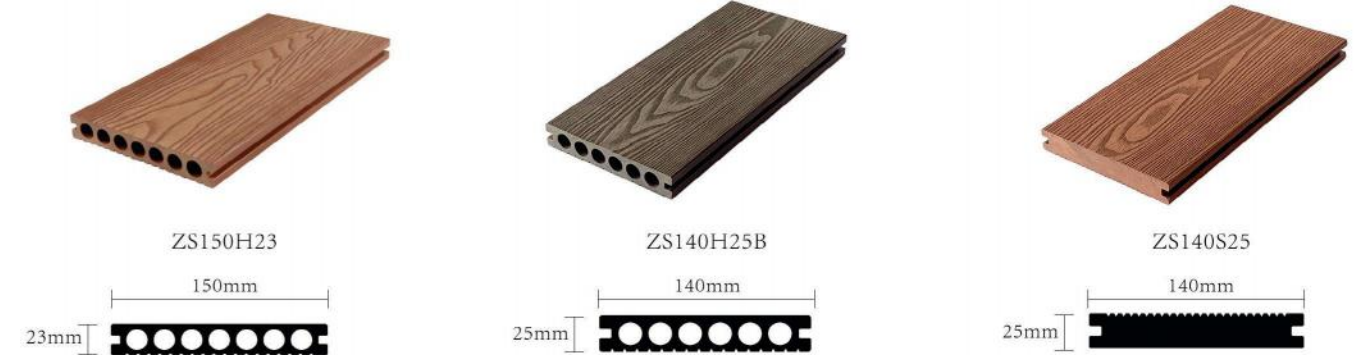
3D Embossing decking
Natural classic wooden texture

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, bangying 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.

Specification





Easy to install | No need to spray paint | Scratch resistance | Low Maintenance



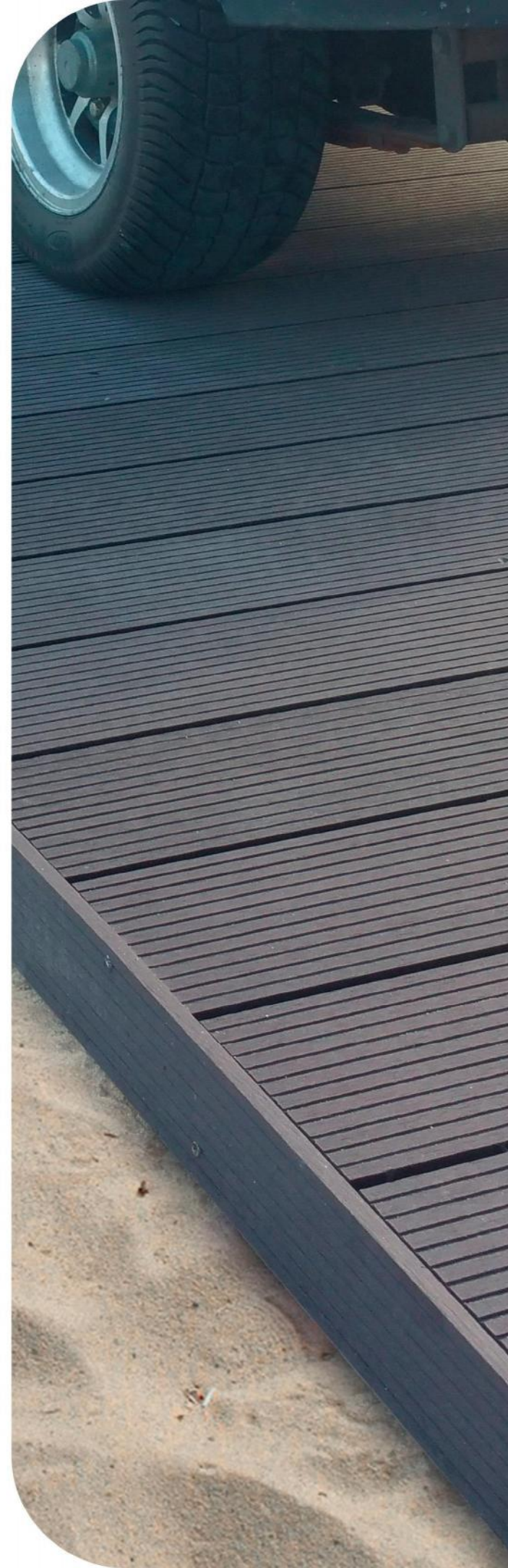
04 Adamas Sereis

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.



Bongywood Adamas WPC Products Superiority



High bending strength



More impact-resistance



High tensile strength



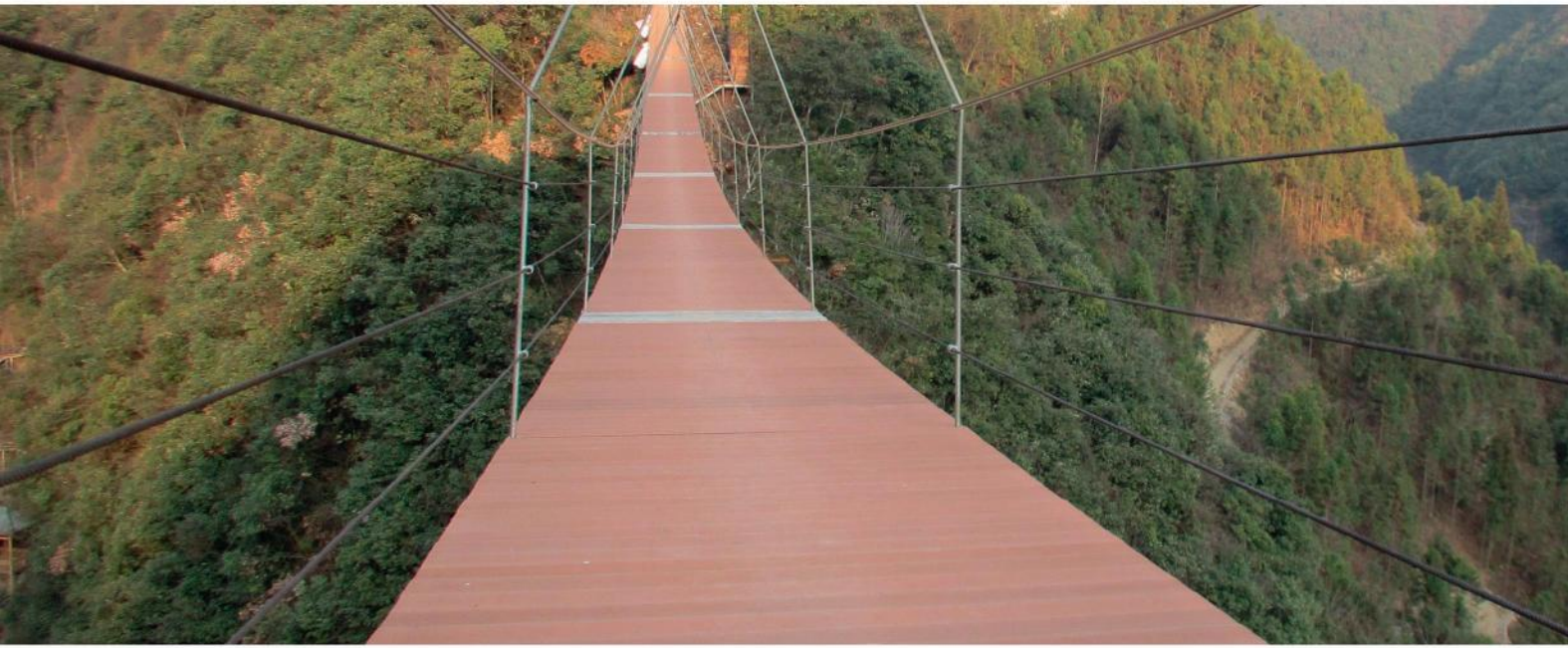
Good color fastness



High self-cleaning



Low water absorption rate



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)

The joist span comparison of Adamas and Common WPC

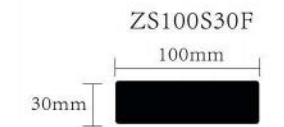
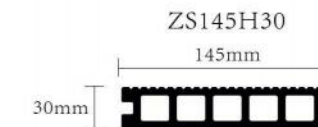
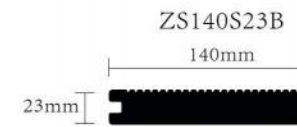
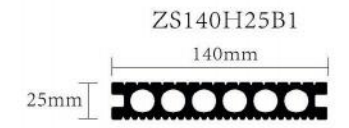
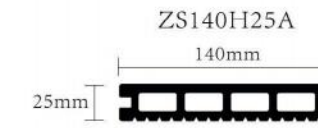
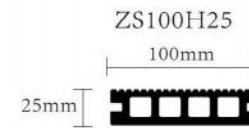
No.	Type.	Name	C/G WPC Series(mm)	Adamas H/S series(mm)
1	ZS140H25	Hollow decking	300	450
2	ZS150H30	Hollow decking	350	550
3	ZS140H40	Hollow decking	400	700
4	ZS145H50	Hollow decking	500	900



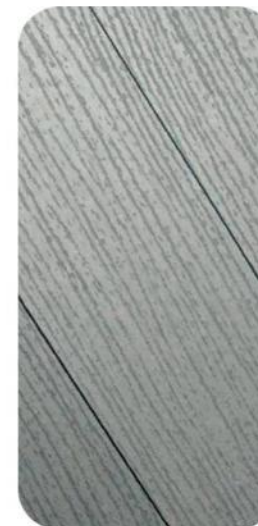
The performance comparison of Adamas WPC and Common WPC

Item	Bending Rupture load (N)	Flexural Strength (Mpa)	Impact Resistance (KJ/M2)	Hot Distorted Temperature(°C)	Liner Thermal Expansion Rate(*10 ⁻⁵ K ⁻¹)	Creep Recovery rate (%)	24h Water Absorption rate (%)
Common WPC C series	2500-3000	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
Common WPC H series	5000-6500	45-55	11-15	85-100	4-6	80	0.6
Common WPC S series	5000-6500	50-60	13-18	95-110	3.5-5.5	85	0.6

· Specification



· Surface treatment



G2-Straight Wood Grain



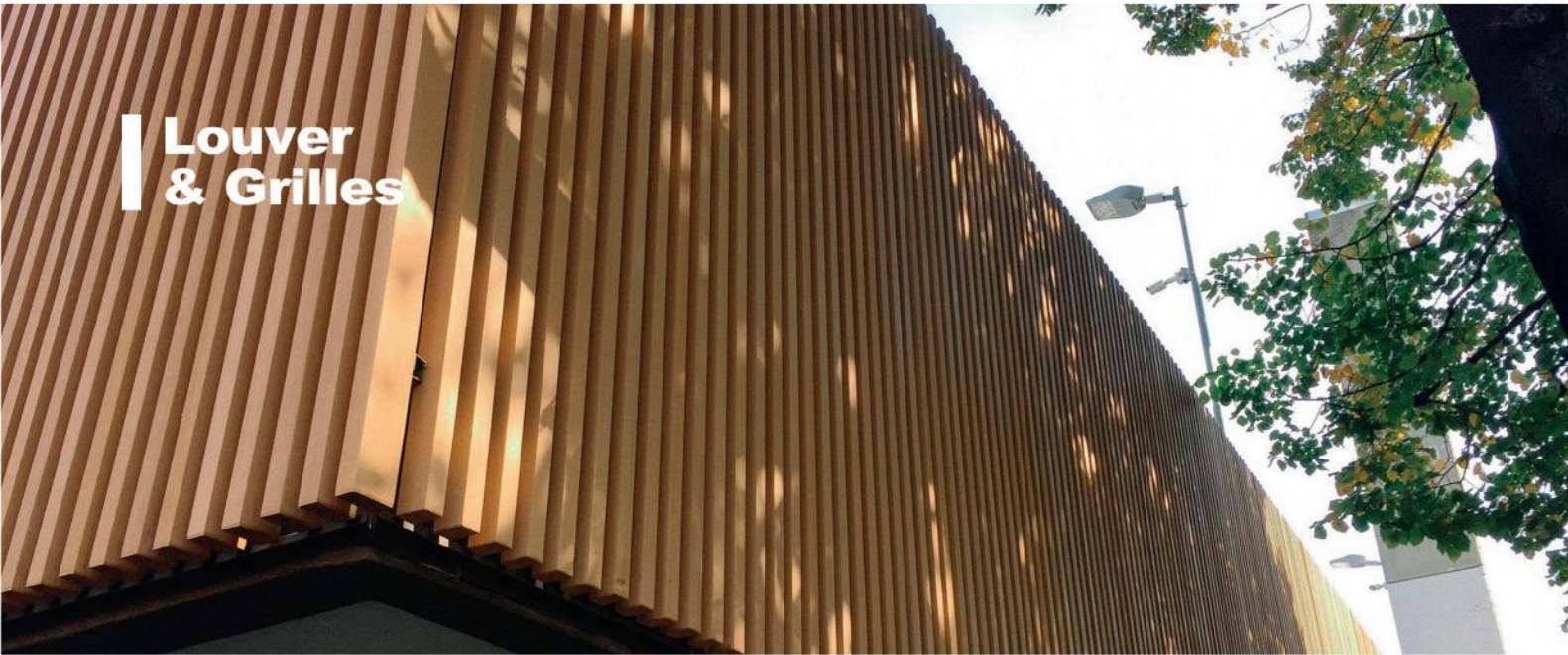
G3-Cross Wood Grain



Brushing

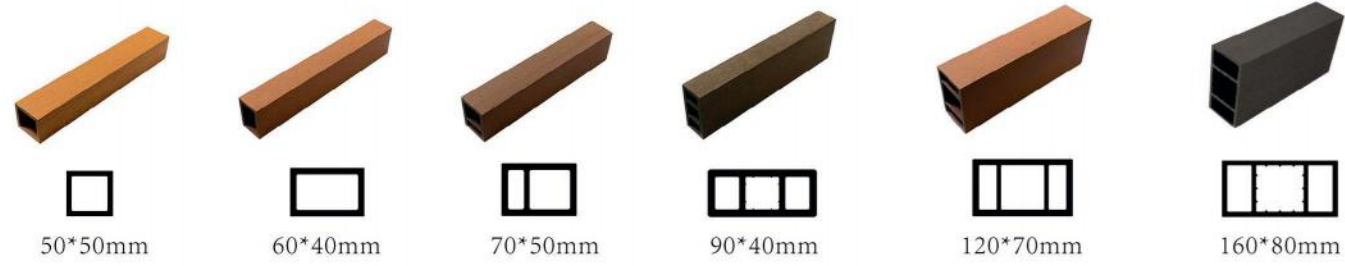


Sanding

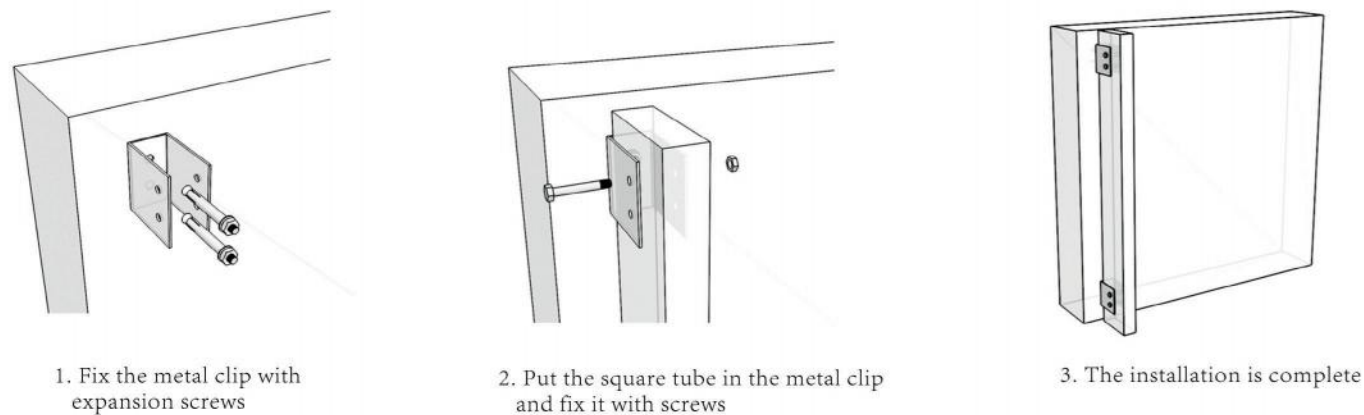


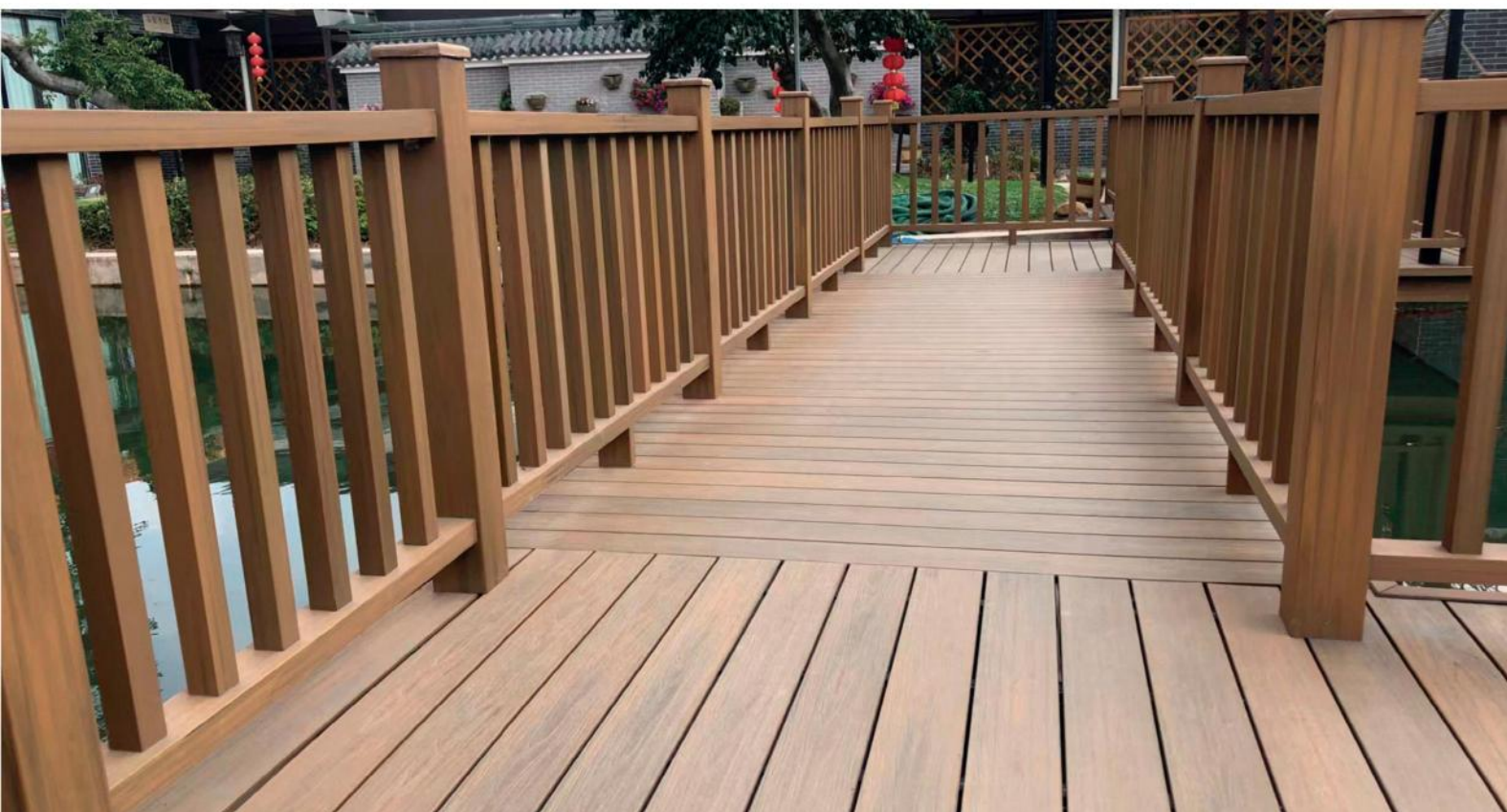
Waterproof | Flame retardant | Anti -fracture | Not easily deformed

·Specification

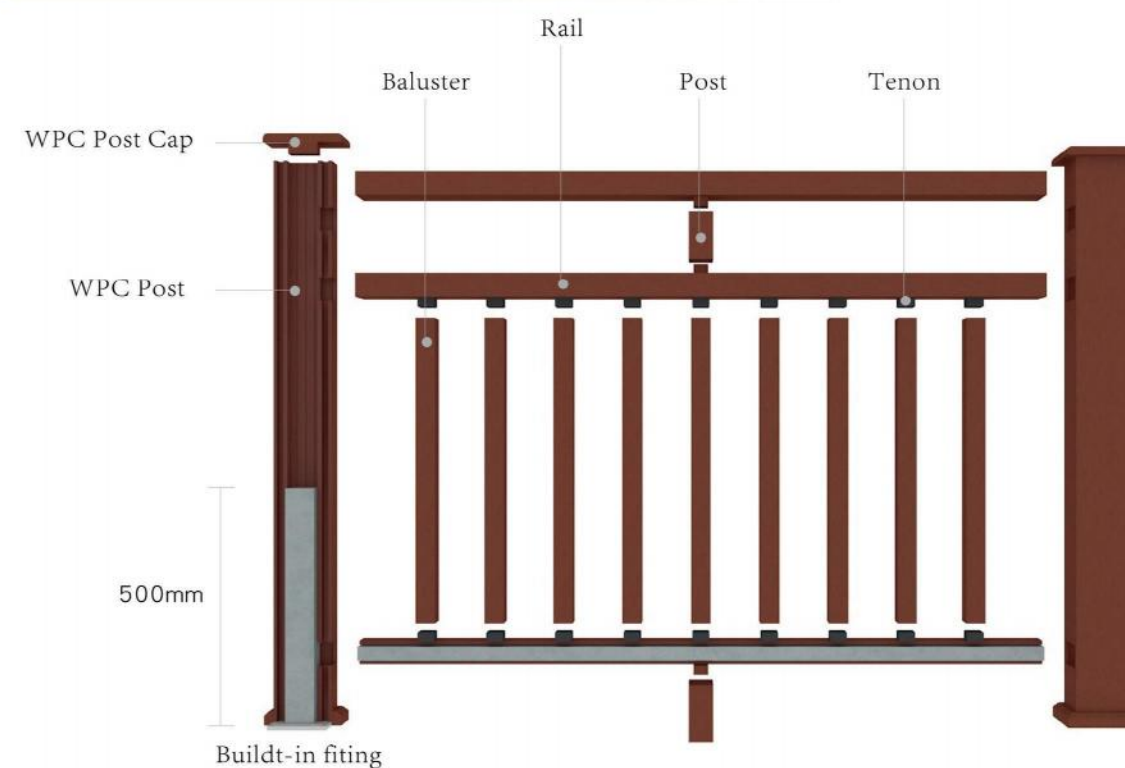


·Installation guide





Railing Components



Style



ZS C001-1, L2000 × H1200mm



ZS C001-2, L2000 × H1200mm

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!

Post



ZS120H120C



ZS140H140A



ZS100H100A

Rail



ZS90H40



ZS100H50A

Baluster



ZS30H30



ZS50H50

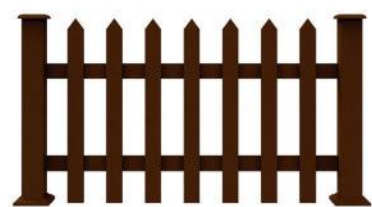


ZS60H40





Fence style



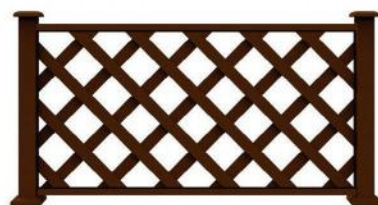
ZSC010-1, L1500 × H900mm



ZSC010-2, L1500 × H900mm



ZSC010-4, L1500 × H900mm



ZSC011-1, L1685 × H1400mm

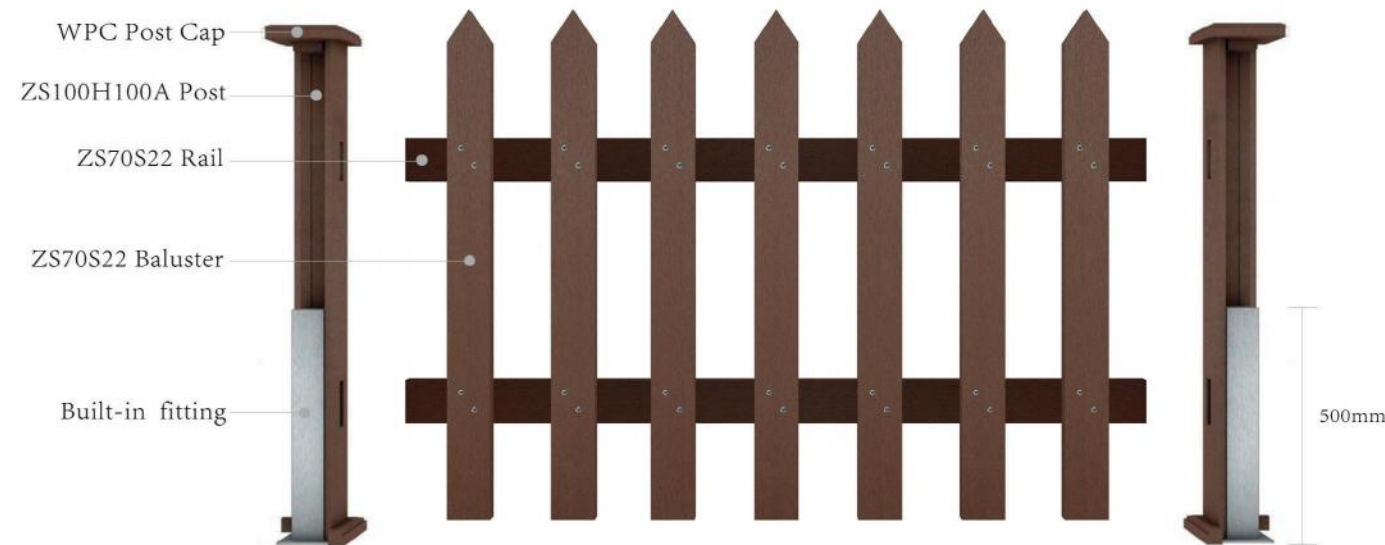


ZSC011-2, L1685 × H1400mm



ZSC012, L1685 × H1400mm

Fence Components



Post ZS100H100A



Post ZS90H90B



Rail ZS70S22



Baluster ZS70S22

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	ZS140H40A	Post	2.6m	1m
2	ZS120H70B	Beam	2.5m	2.5m
3	ZS100H50A	Blade	2m	---

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

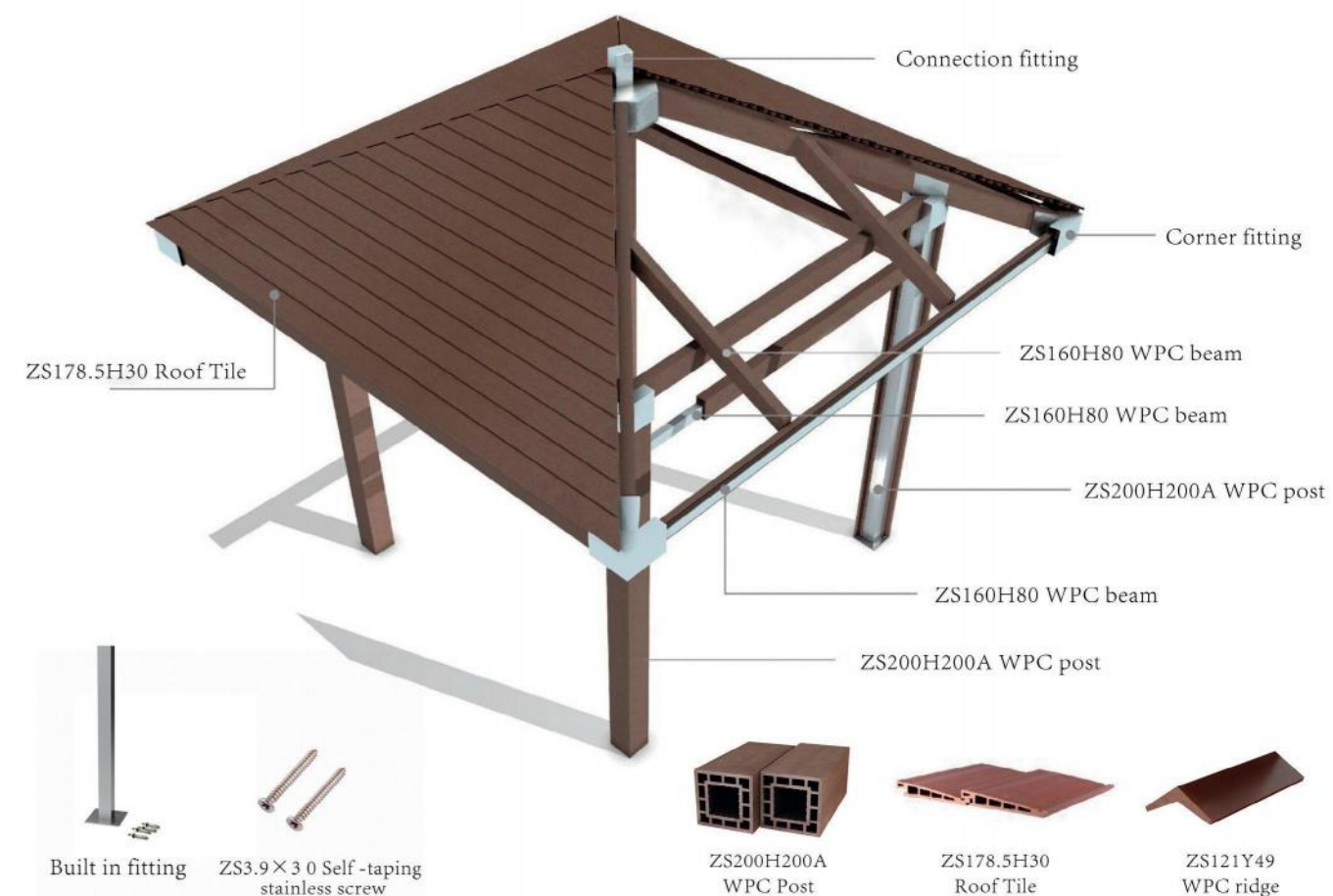
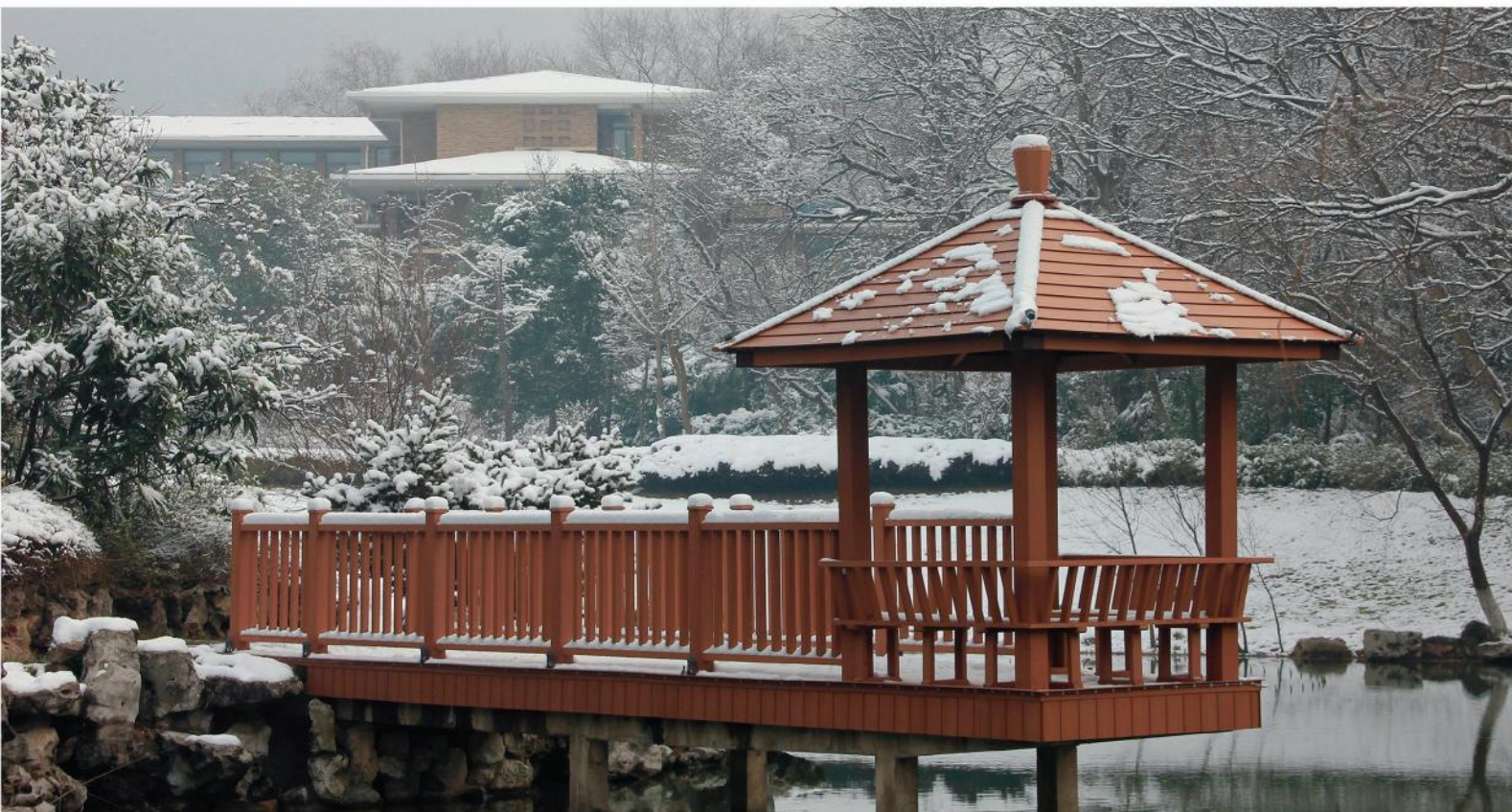
·Big Post Typical Pergola

Suitable for public outdoor areas such as parks and squares

No.	Item No.	Name	Length(m)	Steel tube inside
1	ZS200H200A	Post	2.8m	1m
2	ZS180H80	Beam	4m	4m
3	ZS160H80	Blade	3m	---

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





WPC 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.

Gazebo style



Western style square gazebo



Western style hexagonal gazebo



Chinese style hexagonal gazebo

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

05 Other Products



Our location:

