



福州艾恩斯日用品有限公司
R&C FUZHOU HOUSEWARE CO.,LTD.



High-end WPC Materials

Product Color Card

Capped Composite Decking Color



#0000001 #0000002 #0000003 #0000004 #0000005 #0000006

Adamas Decking Color



#0000001 #0000003 #0000006 #0000007 #0000008 #0000009

3D Embossing Decking Color



#0000001 #0000003 #0000006 #0000007 #0000008 #0000010

Co-extrusion Series

The plastic wood is evenly and firmly coated with the co-extruded layer on all sides. The protective layer and the core are simultaneously extruded and formed in one step.

Compared with the first generation of wood-plastic flooring, in addition to retaining the excellent physical properties of traditional wood-plastic anti-insect ants, mildew, rot, easy maintenance, etc., the new generation of co-extruded wood-plastic flooring has a more excellent performance:

- High weather resistance
- Flame resistance
- Resistant to fading
- Water absorption is zero
- Ultra-low maintenance
- High-wearing feature
- Super woodiness
- Scratch resistance
- Super anti-fouling

G series co-extruded floor one by the traditional generation of wood-plastic unique formula as the core material, four sides wrapped co-extruded layer, wood grain clear, natural color more wear-resistant, scratch resistant, stain resistant. In densely populated areas, it can effectively prevent scratches caused by people and hard objects, and can withstand all kinds of bad tests of nature.

H series co-extruded floor - With the diamond wood H series super formula as the core material, inherit the excellent characteristics of co-extruded floor and diamond wood plastic floor, the surface is beautiful and natural, and has high weather resistance, high wear resistance, ultra-high strength and other physical characteristics, is the perfect combination of the internal and external excellent performance of co-extruded floor and diamond wood plastic floor.





Co-extrusion layer

Core

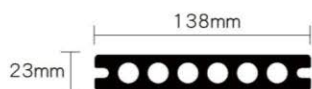


Wood-plastic sheet is made from about
90 % of recycled materials into
60 % wood powder + 30 % plastic.

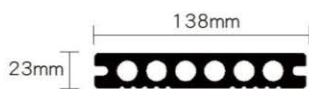
Specification



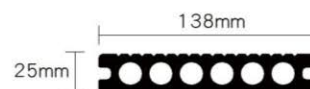
ZSGJ138H23A



ZSGJ138H23C



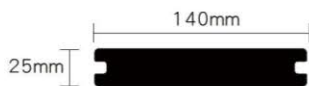
ZSGJ138H25



ZSGJ140S23



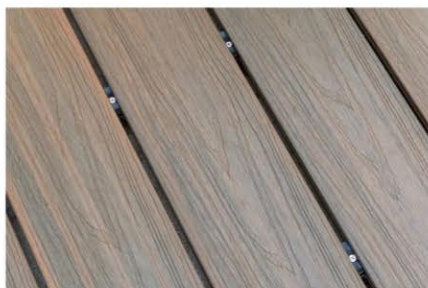
ZSGJ140S25



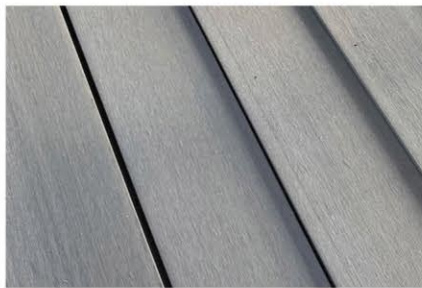
ZSGJ145S30



Surface Treatment

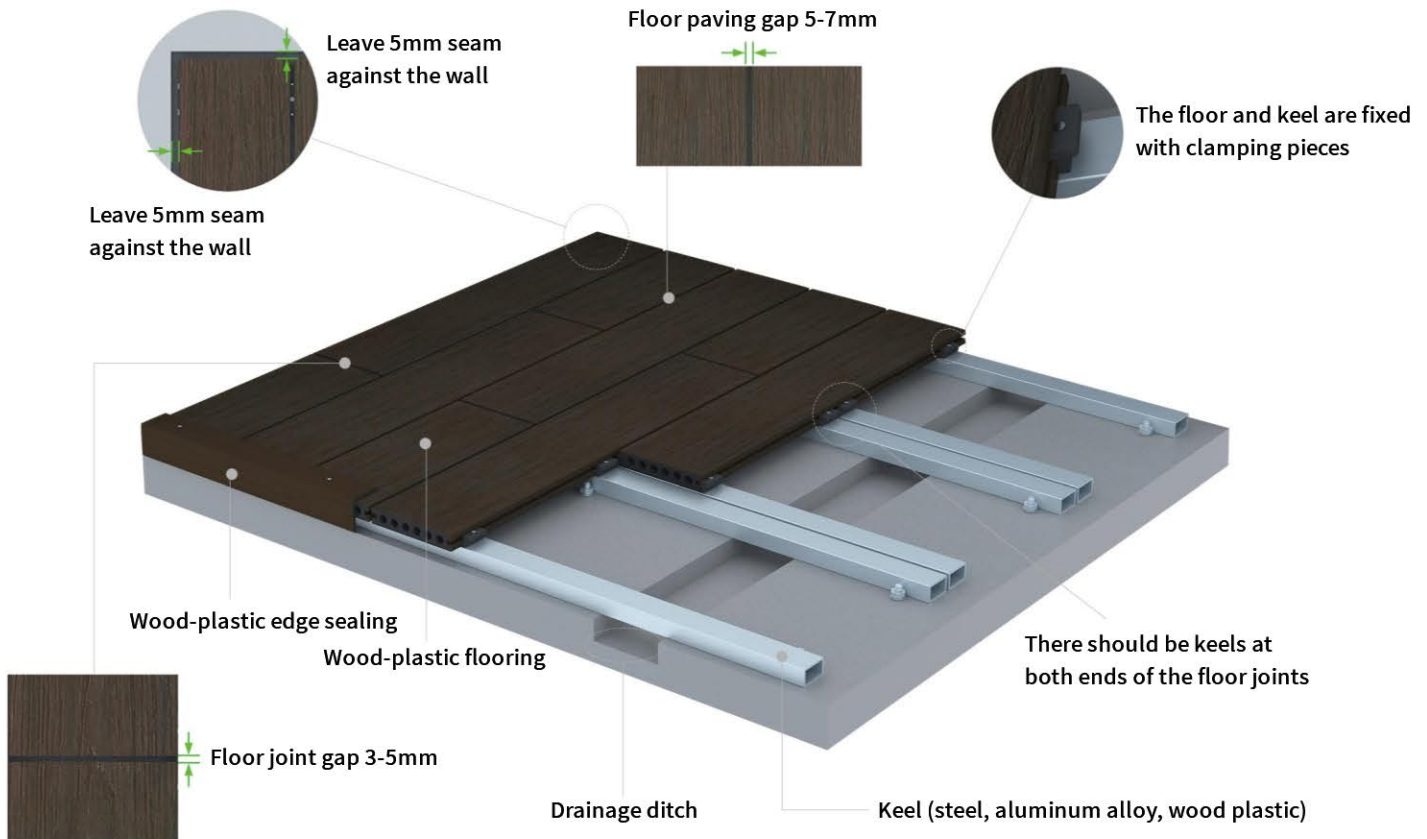


H2 wood grain



H1 diagonal grain

Installation Guide



Accessories



Stainless steel clamp



Right-angle plastic wood edge sealing



Plastics clamp



Plane plastic wood edge sealing



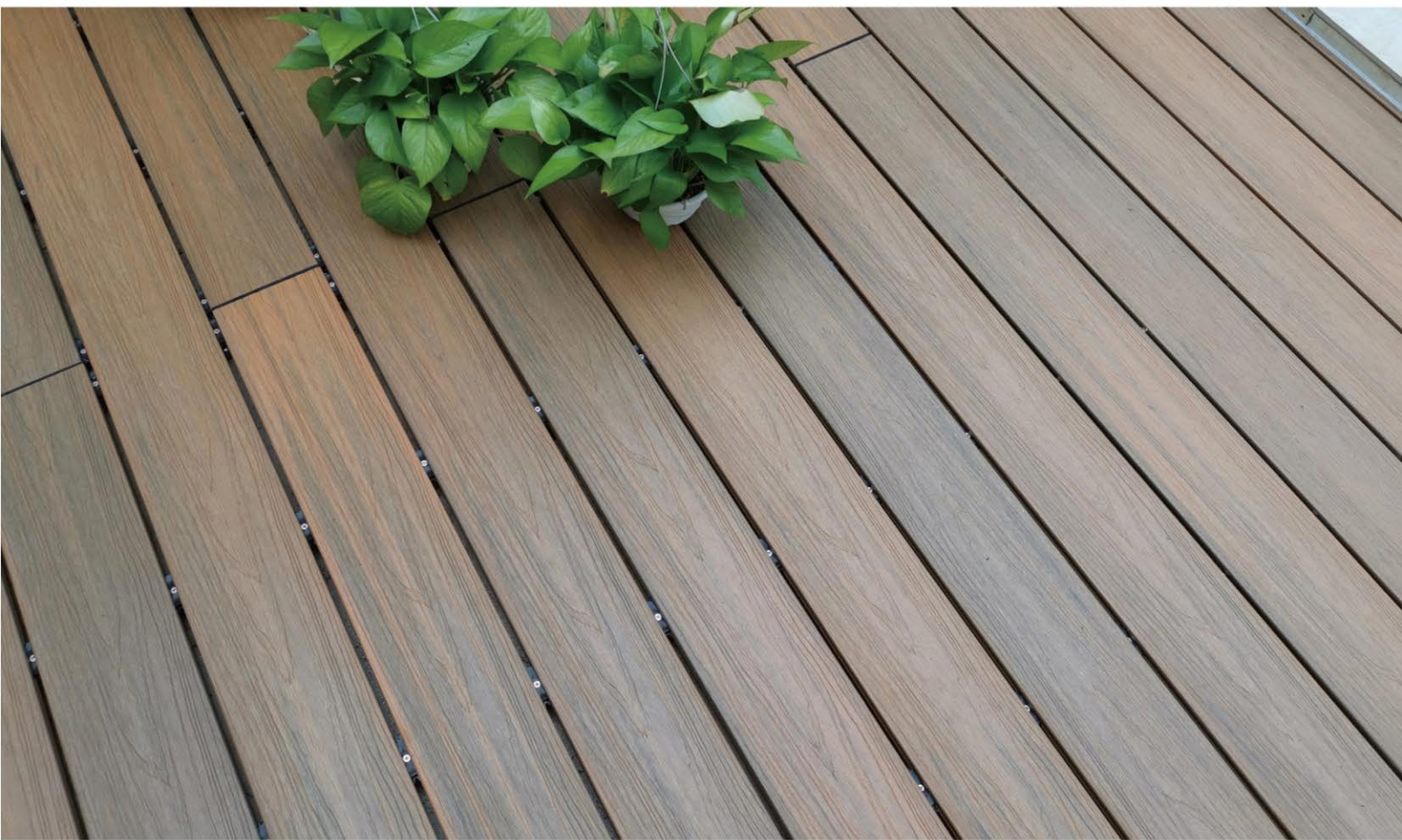
Expansion bolt



Wood plastic keel







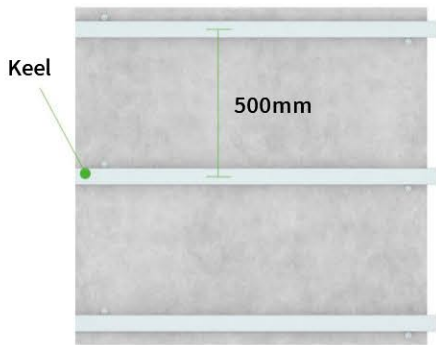


Capped Composite Wall Cladding

The wood-plastic co-extruded wallboard has an advanced hard plastic protective layer, which is wrapped around the WPC core to provide additional protection. It combines the toughness, life and engineering design of wood-plastic composites. The extrusion process gives it the advantages of high stain resistance, UV resistance and ultra-low maintenance costs. It does not need to be painted, just regular cleaning can be as bright as new. There are six colors to choose from, clear grain, with the richness of natural wood and wood feeling.



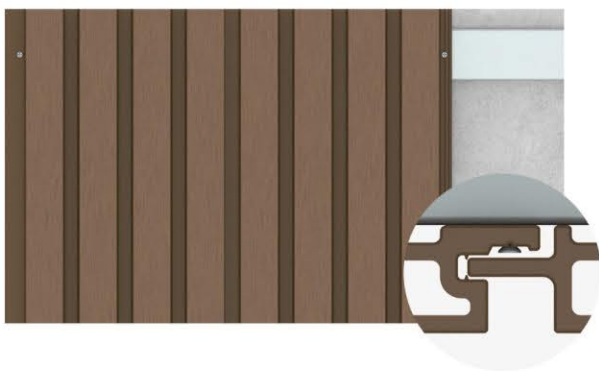
Installation Guide



1. Install the keel in turn, and the center distance is 500mm



2. Install the first wall panel and fix both sides with screws



3. Install other wall panels in turn



4. install edge sealing, complete the installation

Accessories



Stainless steel screw



Right-angle plastic wood edge sealing



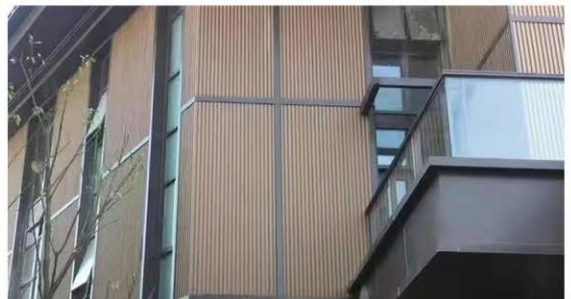
Expansion bolt



Wood plastic keel

- Resistant to moisture
- Resistant against termite
- Anti-mold and anti-bacterial
- Anti-ultraviolet
- Fast colours
- Low maintenance cost

- Not absorb water
- Non-perishable
- No painting
- Wear well
- Reliable quality
- Health and environmental protection



WPC Flat Capped Wall Cladding

It fundamentally solves the problem that wood products are easy to rot and expand and deform after absorbing moisture in a humid environment, and can be used in an environment where traditional wood products cannot be applied.





Specification



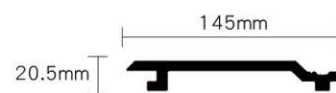
ZSGJ176H18

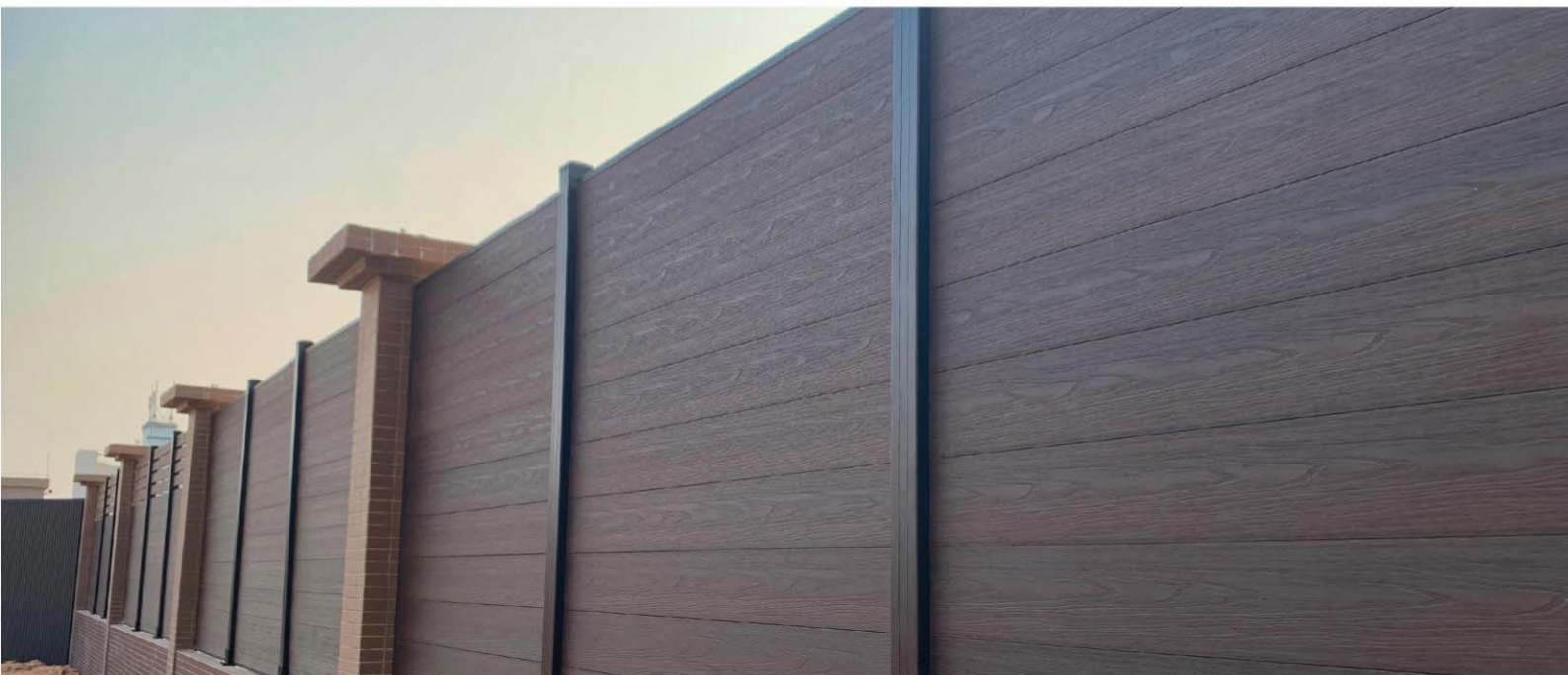


ZSGJ145Y20.5



ZS145Y20.5





Aluminum WPC Fence

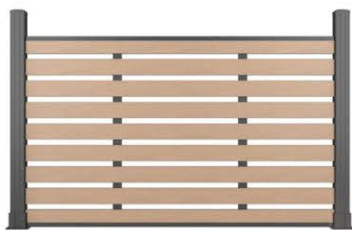
Specification

Spaced type

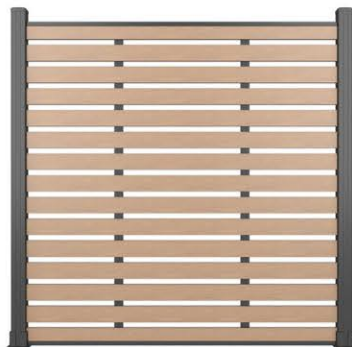
Semi-closed type

Closed type

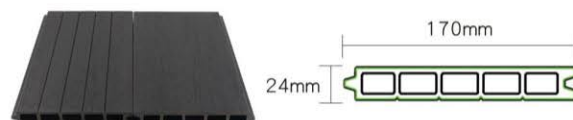
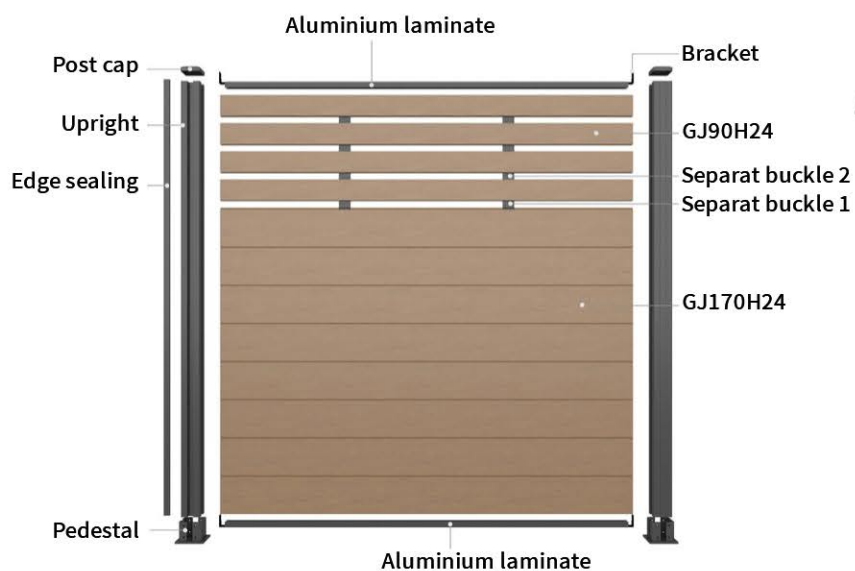
1.2m



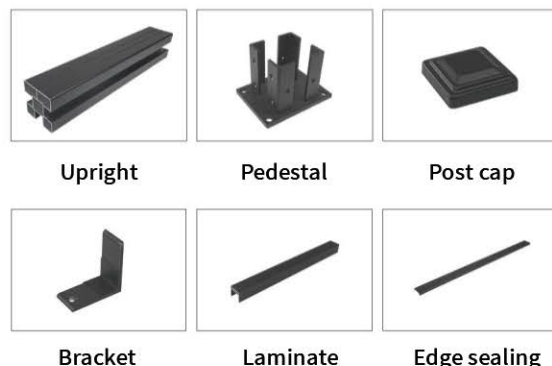
1.8m



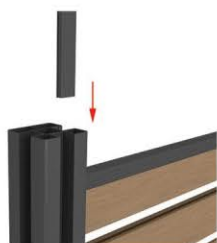
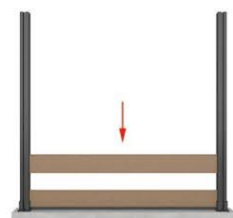
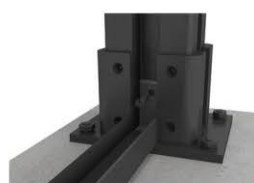
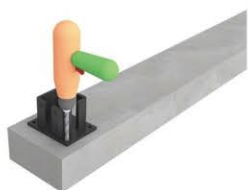
Exploded View



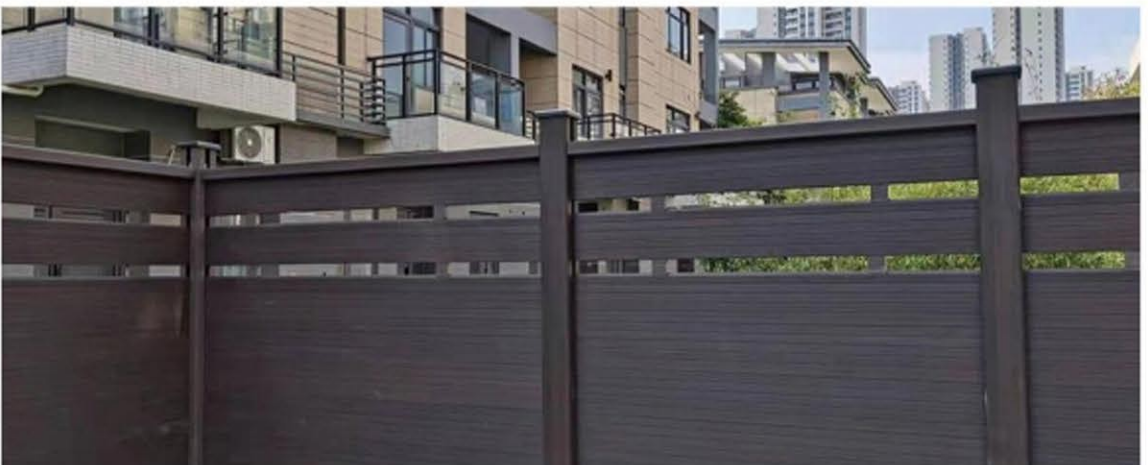
Accessories



Installation Guide









3D Embossing Decking

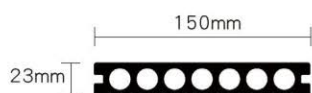
Wood-plastic laminate flooring is an exceptional material that combines the beauty of wood with the strength and durability of polymers. As a sustainable alternative to natural wood, Bonying 3D deep embossed flooring offers the aesthetic and lasting beauty of natural wood as well as the benefits of minimal maintenance costs. The textured patterns on our floors mimic the beauty of natural wood, with benefits such as resistance to moisture, decay and termites, and a wide range of natural colors fills your living space with color.



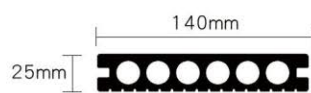
Specification



ZS150H23

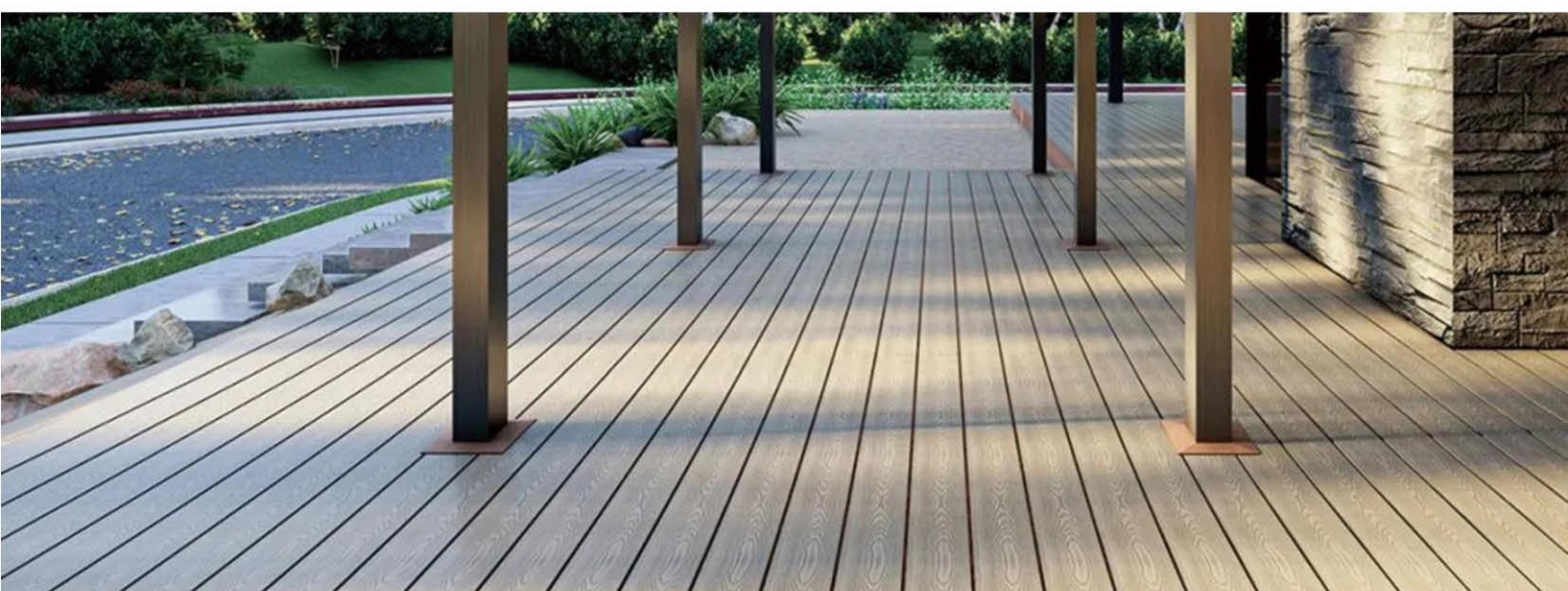
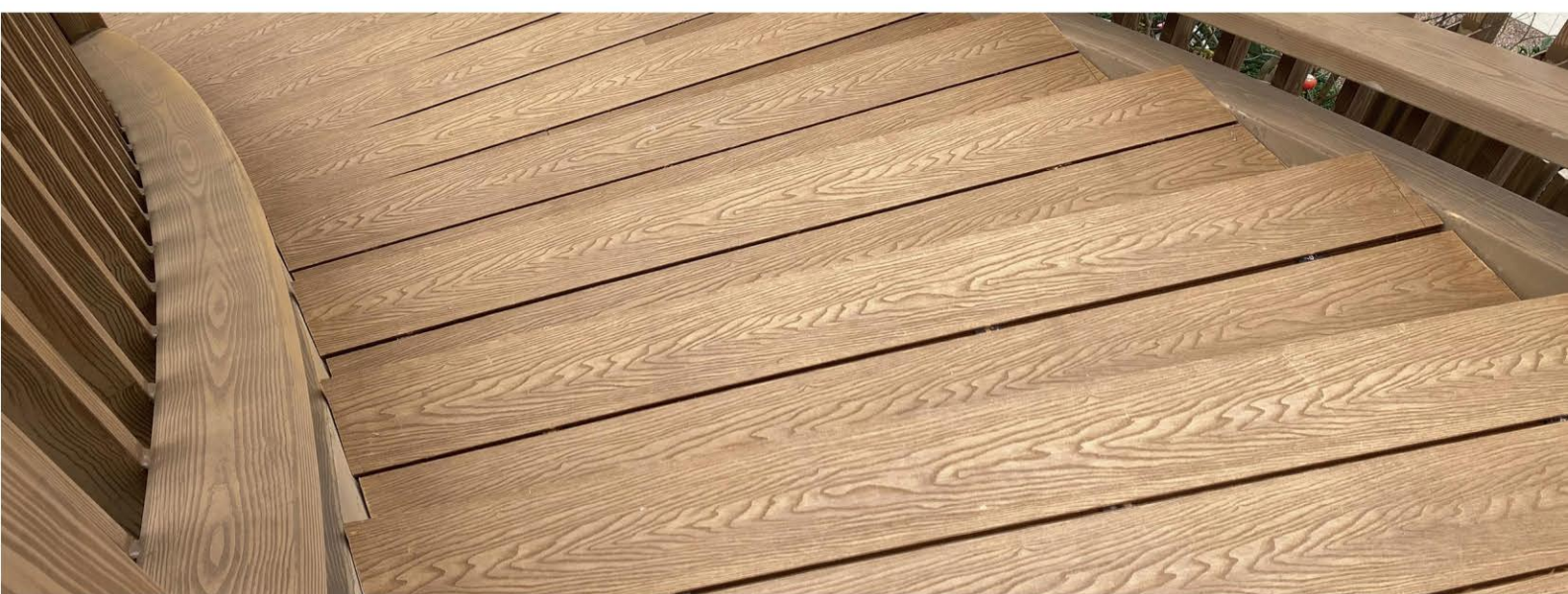
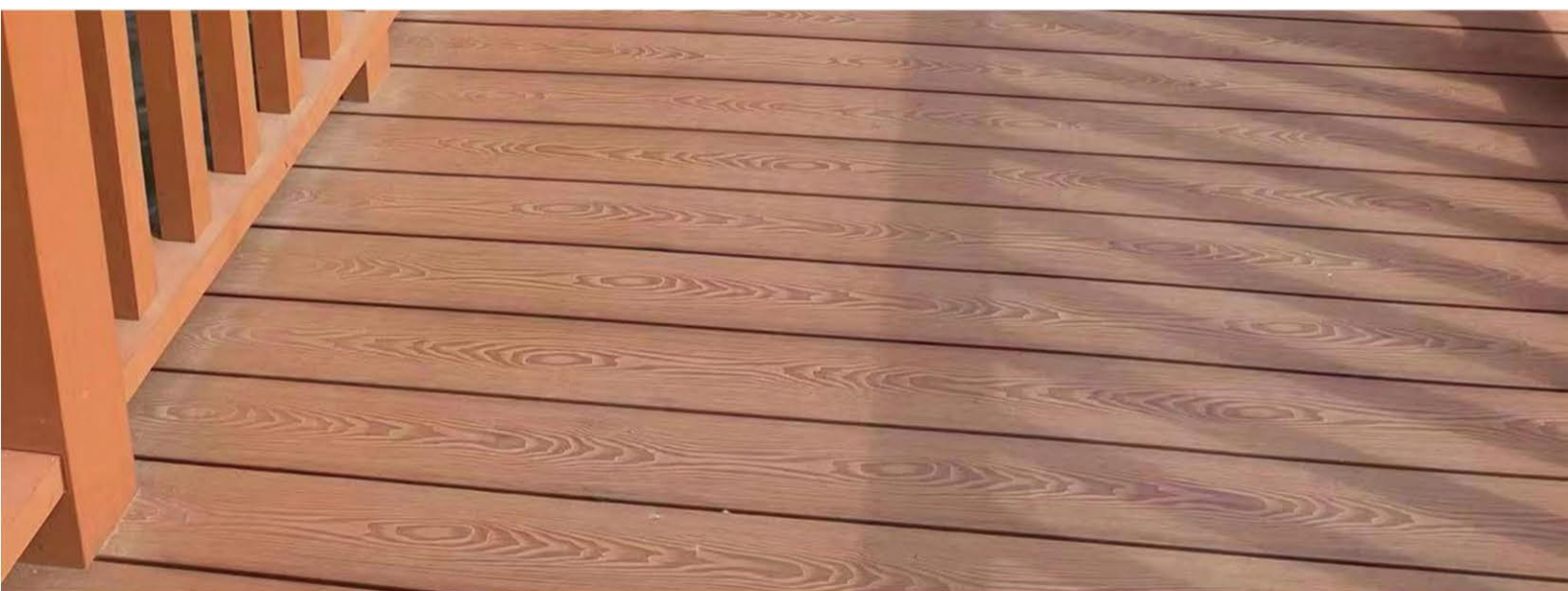


ZS140H25B



ZS140S25





Adamas Sereis

Adamas Sereis products are currently the world's most advanced wood plastic materials. Its excellent performance and quality make it obtain the reputation of "the car has BMW, the wood has Adamas Sereis"! It is the use of special mixed biomass powder and high-performance modified plastics, add special formula, use special equipment and patent mold, extruded by special process of ultra-high performance wood plastic composite material. High-end Adamas Sereis products can also be used as structural materials, part or all of the replacement of steel, iron, aluminum alloy, glass steel and other metal materials, its service life of more than 30 years.

Adamas Sereis can be widely used in military, real estate, gardens, municipal, ancient buildings, ancient villages, temples, new urbanization construction and other fields, is the traditional wood in product development, technological innovation, application direction of an epoch-making change.

The main performance advantages of Adamas Sereis products are high bending strength, high tensile strength, high impact strength, low linear thermal expansion coefficient and low water absorption.



Higher strength



Wear-resistant



Long service life



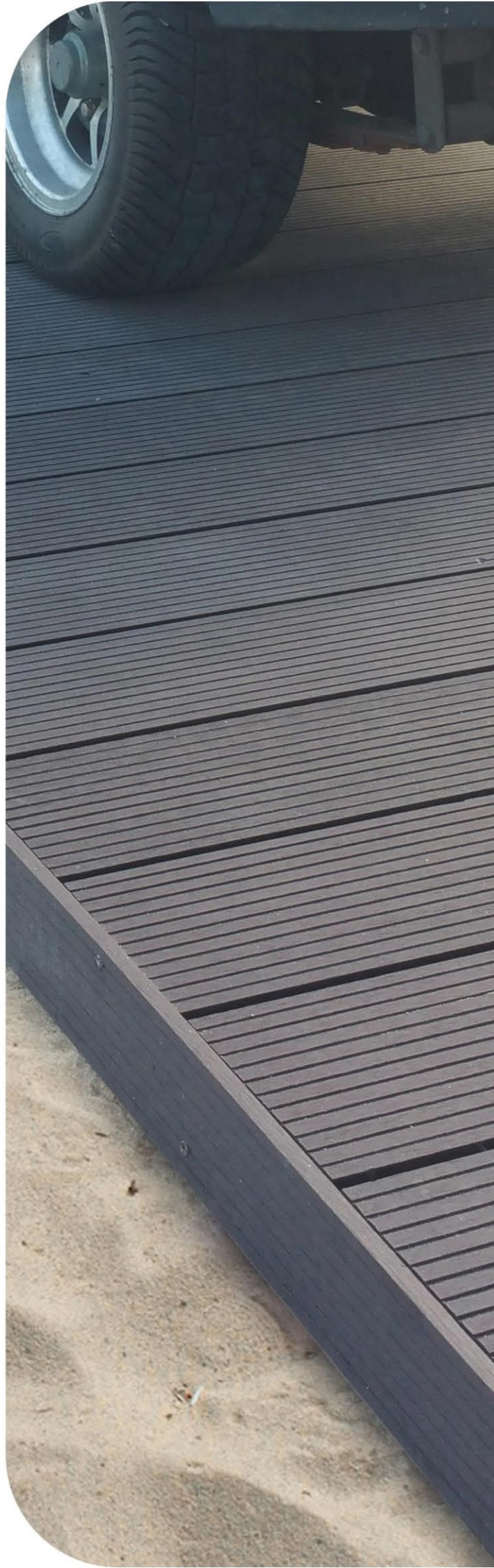
Not easy to fade

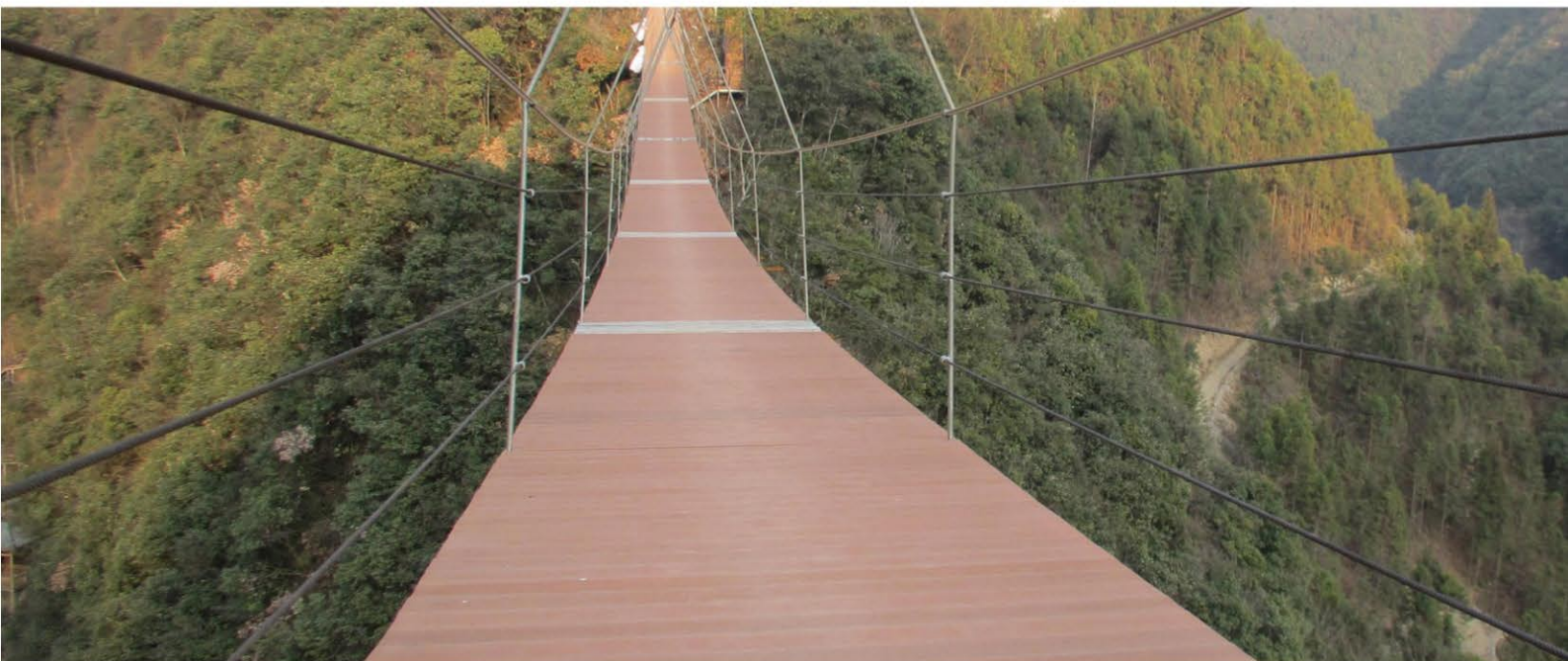


High self-cleaning



Steady performance





Keel span comparison table

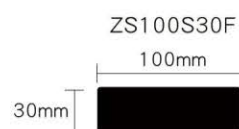
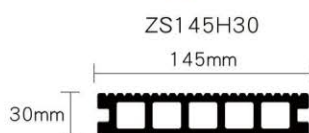
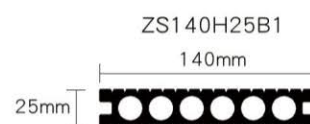
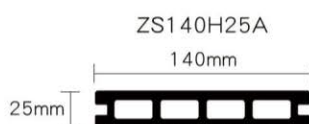
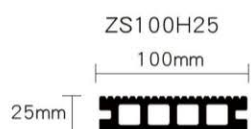
Number	Specification	Name	Ordinary C/G series(mm)	Adamas H/S sereis(mm)
1	ZS140H25	Wood-plastic flooring	300	450
2	ZS150H30	Wood-plastic flooring	350	550
3	ZS140H40	Wood-plastic flooring	400	700
4	ZS145H50	Wood-plastic flooring	500	900



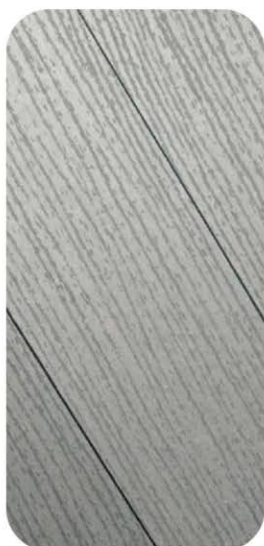
Comparison of properties with ordinary wood plastic materials

Material	Bending failure load(N)	Bending strength (MPa)	No notch impact strength (KJ/M2)	Thermal deformation (°C)	Linear coefficient of thermal expansion (*10-5K-1)	Creep recovery rate (%)	24h water absorption (%)
Ordinary C series	2500-3000	22-25	3.5-6	60-70	5.5-10	75	0.8-1.2
Ordinary G series	3500-4500	26-35	6-9	65-75	5.5-8	75	0.6
Adamas H sereis	5000-6500	45-55	11-15	85-100	4-6	80	0.6
Adamas S sereis	5000-6500	50-60	13-18	95-110	3.5-5.5	85	0.6

Specification



Surface Treatment



G2 wood grain



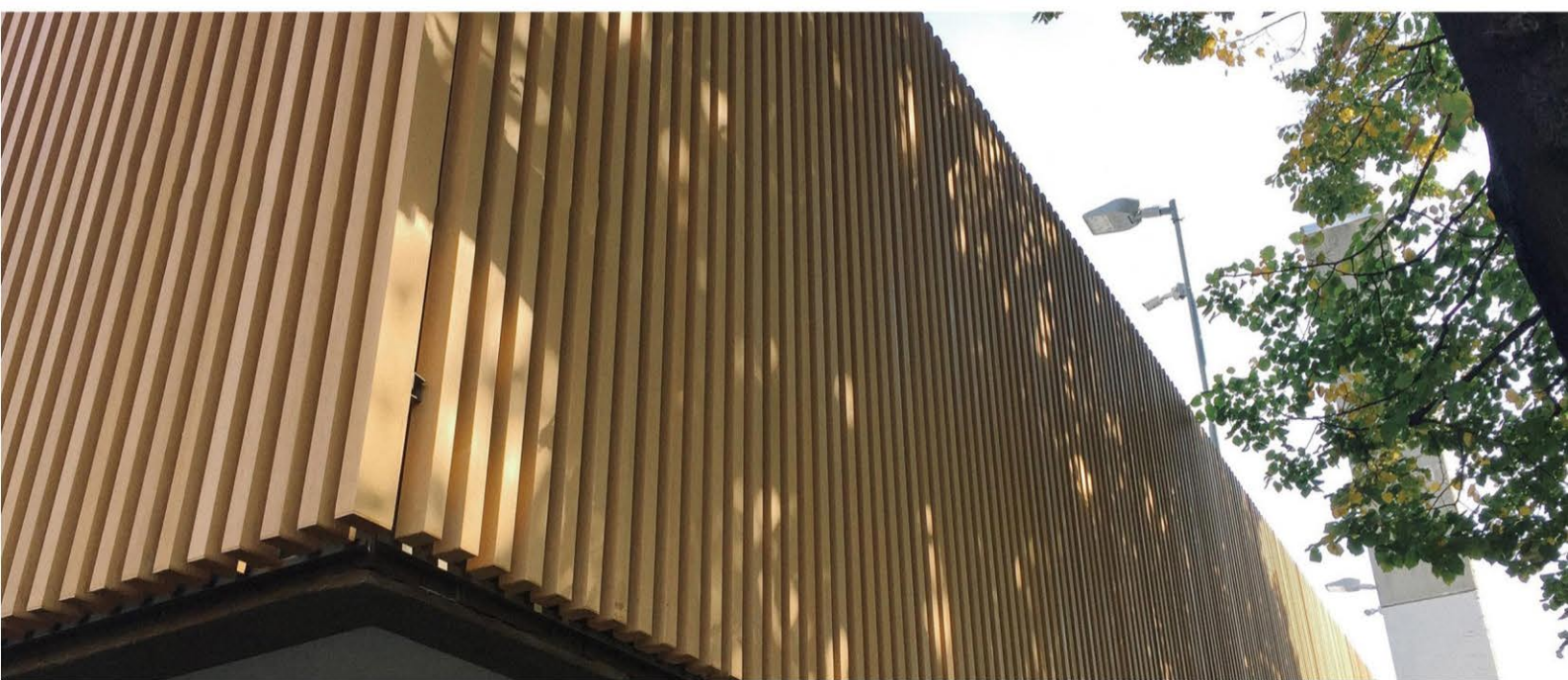
G3 wood grain



Drawing surface



Buffed surface



Louver & Grilles

Specification



50*50mm



60*40mm



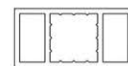
70*50mm



90*40mm

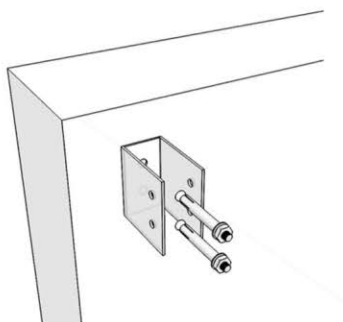


120*70mm

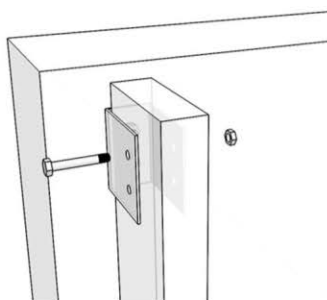


160*80mm

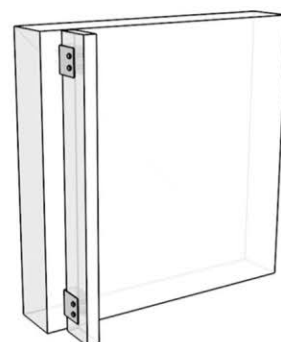
Installation Guide



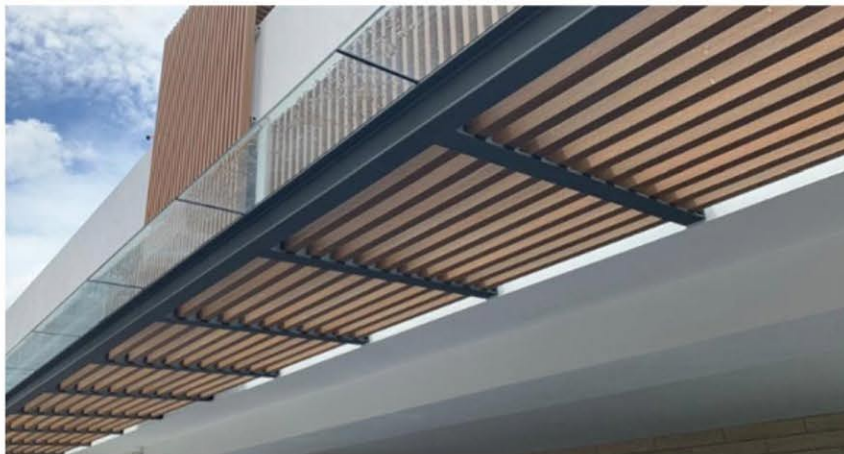
1. Install expansion screws

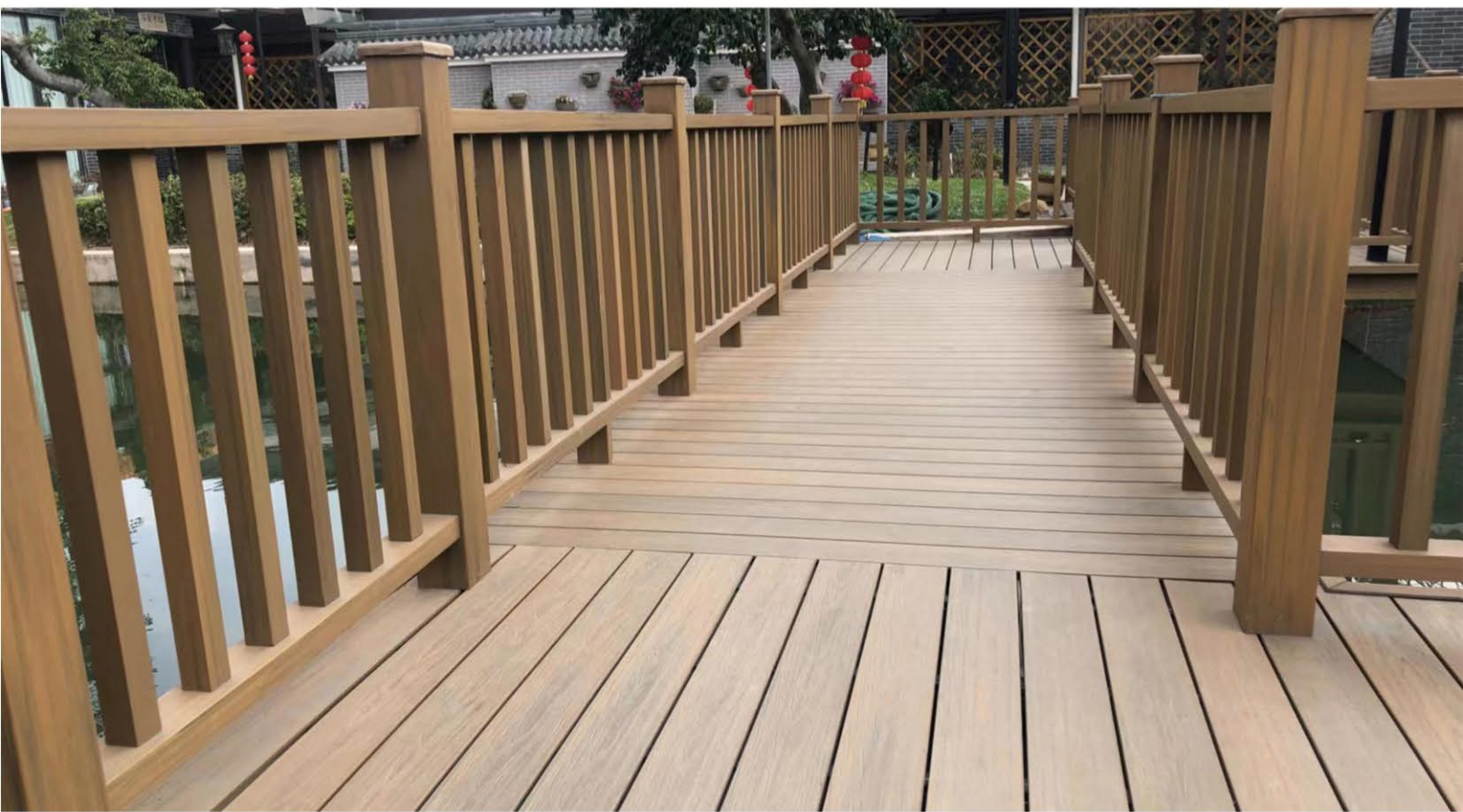


2. Put the Louver & Grilles into the card and fix it with screws



3. The installation is complete

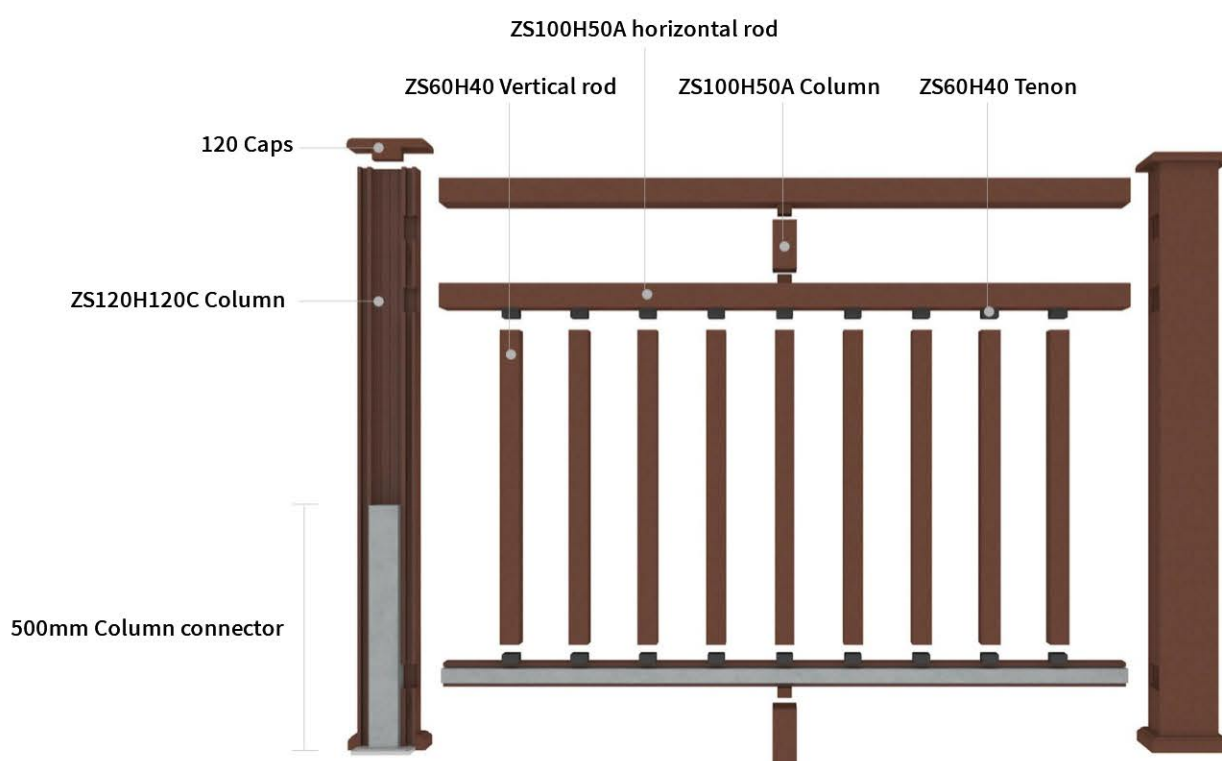




WPC Fence

1. boardwalk, villa, river, courtyard, park and other public areas enclosure;
2. complete accessories, installation process is easy and comfortable;
3. flexible and diverse design style;

Exploded View



Style



ZS C001-1, L2000 X H1200mm



ZS C001-2, L2000 X H1200mm

Specification



ZS120H120C



ZS140H140A



ZS100H100A



ZS90H40



ZS100H50A



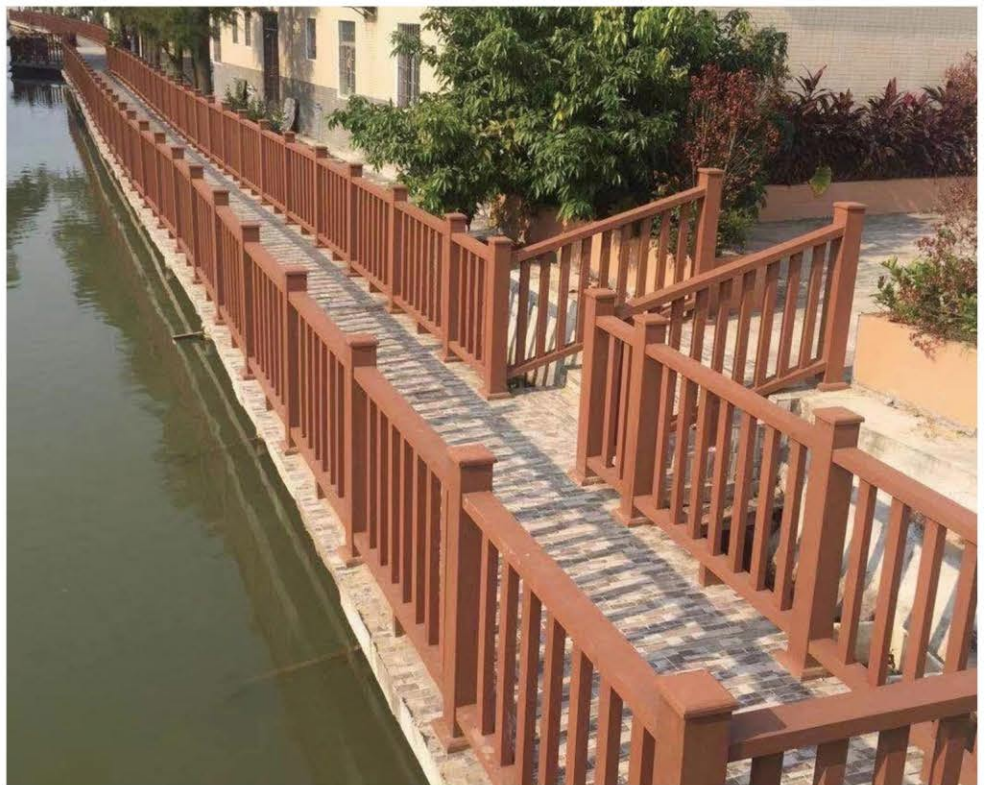
ZS30H30



ZS50H50



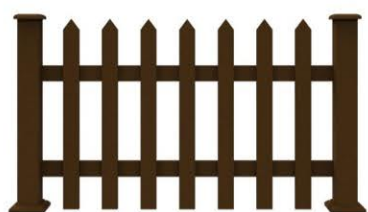
ZS60H40



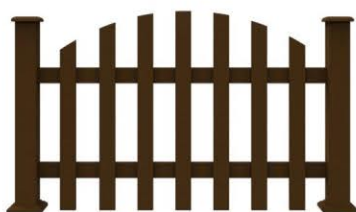




Style



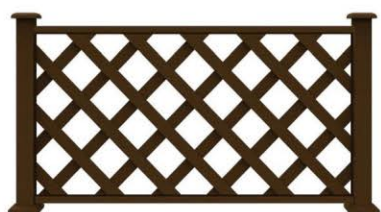
ZSC010-1, L1500 × H900mm



ZSC010-2, L1500 × H900mm



ZSC010-4, L1500 × H900mm



ZSC011-1, L1685 × H1400mm

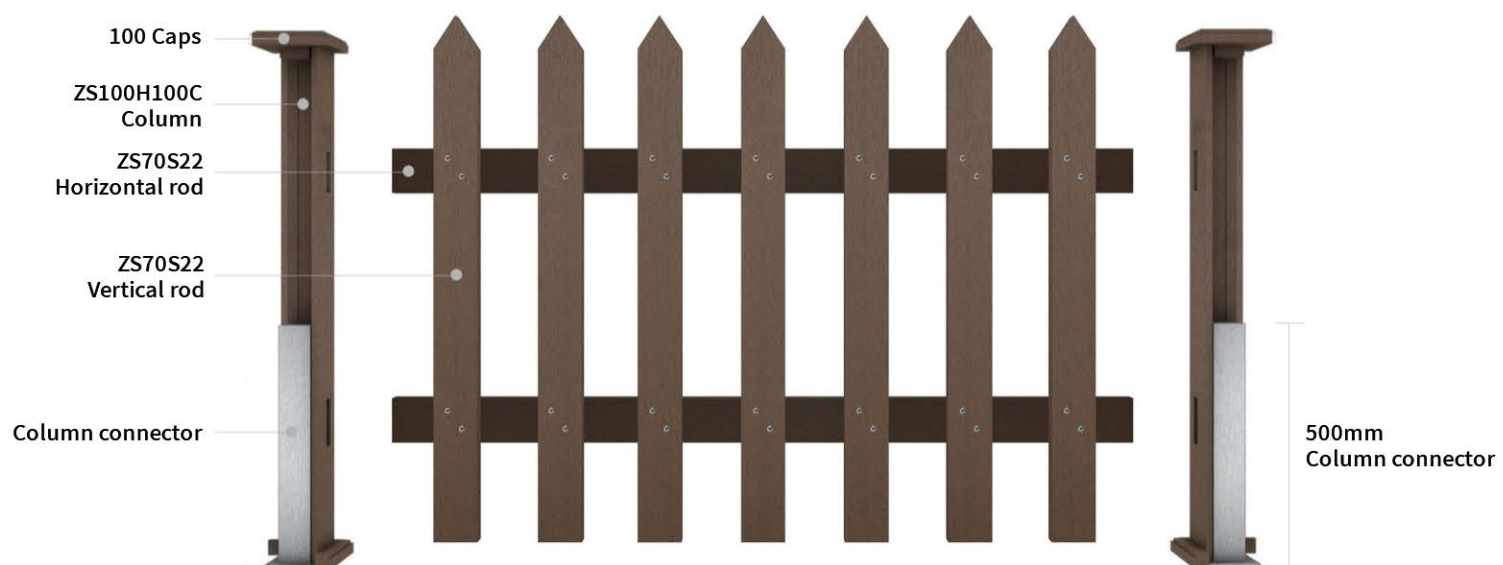


ZSC011-2, L1685 × H1400mm



ZSC012, L1685 × H1400mm

Exploded View



ZS100H100A
Column



ZS90H90B
Column



ZS70S22
Horizontal rod



ZS70S22
Vertical rod

Accessories



Stainless steel screw



Column connector



Plastic wood cap



Plastic wood base

WPC Pergola

Plastic wood porch is suitable for villas, gardens, restaurants, roadside public areas, etc., because of its wooden appearance is becoming more and more popular. Made of wood flour and HDPE, with different finishes such as "frosted" or "brushed" or "embossed", the plastic timber gallery is a perfect alternative to traditional wood structures.



Style



3x1.5 single edge pergola



3x2 pergola DT02



6x3 pergola

Blade molding



ZS-DT01



ZS-DT03



ZS-DT02



ZS-DT04

Small size

Suitable for compact private outdoor places such as villa courtyard and roof garden

Number	Specification	Name	Plastic wood size	Lining steel size
1	ZS140H40A	Upright	2.6m	1m
2	ZS120H70B	Beam	2.5m	2.5m
3	ZS100H50A	Blade	2m	——

Note: 1. Wood-plastic C/G series, columns, beams and blades need to be pierced steel

Big size

It is suitable for large public outdoor areas such as parks and squares

Number	Specification	Name	Plastic wood size	Lining steel size
1	ZS200H200A	Upright	2.8m	1m
2	ZS180H80	Beam	4m	4m
3	ZS160H80	Blade	3m	——

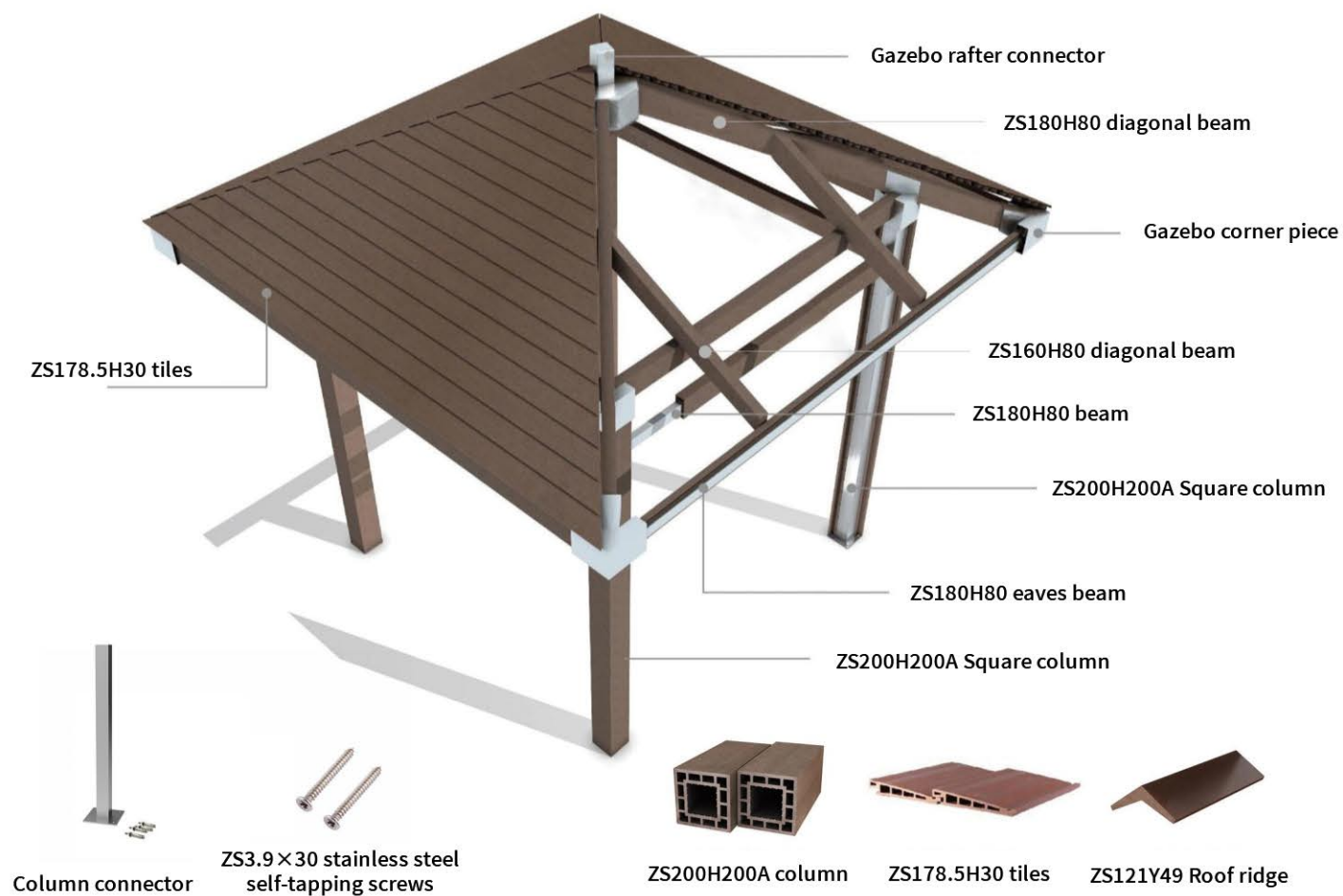
Note: Long span gallery frame, installation should pay attention to the connection point need to leave appropriate expansion joints





WPC Gazebo

1. suitable for gardens, squares, parks and public leisure areas;
2. a full range of supporting combination, style covers classical and modern, style series and exquisite!



Style



Western-style four-corner pavilion



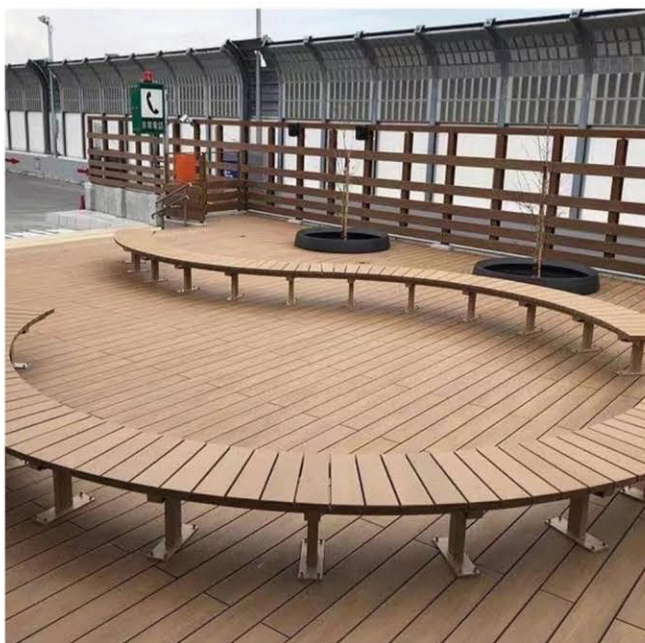
Western-style hexagonal pavilion



Chinese hexagonal pavilion

Number	Name	Column center length width height (mm)	Projected area (mm*mm)
1	Western-style four-corner pavilion	2000*2000*3000	3000*3000
2		2500*2500*3200	3850*3850
3		3000*3000*3200	4500*4500
4	Western-style hexagonal pavilion	1800*1800*3200	2700*2700
5	Chinese hexagonal pavilion	1800*1800*3200	2700*2700

Other Products





R&C
Since 1997

福州艾恩斯日用品有限公司
R&C FUZHOU HOUSEWARE CO., LTD.



www.rchometextile.com



www.rcwindoware.com



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