

China Professional Manufacturer Outdoor WPC decking



GREEN DESIGN INTERNATIONAL CONTRIBUTION AWARD

A graphic containing two QR codes for WhatsApp and Wechat, and a world map with "Guangdong, China" highlighted in red.

WhatsApp online Wechat online

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



Newtech
Timber

Sumuchang.com
Ideal outdoor decking, wall panel

木帝特
WOODEDTECH

Bestrydeck.com
Best outdoor decking
Better outdoor living

NewTechLumber
China Outdoor WPC Lumber Factory

COMPANY PROFILE

We are a professional WPC (Wood-Plastic Composite) manufacturer specializing in high-quality outdoor decking, wall panels, pergolas, and fencing. With 30 advanced extrusion lines and 200+ molds in various series, we offer customizable colors, lengths, and shapes to meet diverse project needs.

Our factory supports OEM production, allowing tailored solutions based on your designs. Whether for residential gardens, commercial landscapes, or architectural projects, our durable, eco-friendly, and low-maintenance WPC products ensure superior performance and aesthetic appeal.

Choose us for reliable quality, competitive pricing, and flexible customization—your trusted partner in outdoor WPC solutions!

- Location: Guangdong, China.
- Introduction: China best manufacture of all kinds of Outdoor WPC decking, Outdoor WPC wall panel, Outdoor WPC tubes, Outdoor WPC railing, Outdoor WPC Aluminium fence, Outdoor WPC tiles, Outdoor WPC Pergola, Outdoor WPC Gazebo, Outdoor WPC Customized drawings products
- Factory Area: 25000 square meters ● Founded: in 2000
- Number of Employees: 150 ● OEM&ODM Customization: Accepted
- Certification: CE, SGS, ISO



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.





PRODUCT COLOR CARD

CO-EXTRUSION COLORS



Teak



Antique



Redwood



IPE



Light-grey



Walnut

CLASSIC COLORS



Teak



Redwood



Walnut



Coffee



Chocolate



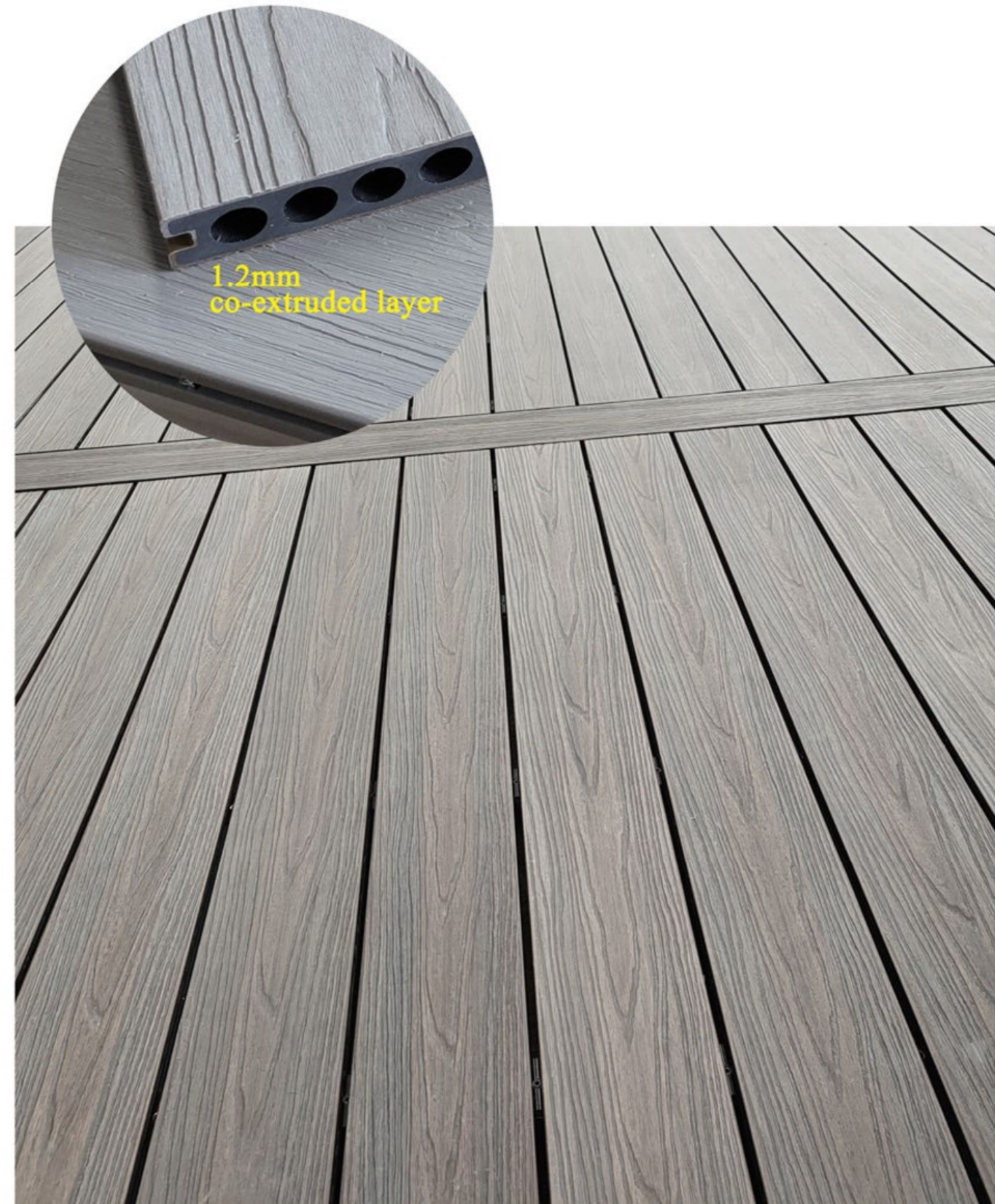
Ebony

If the above colors do not meet your requirements,
We can adjust the colors according to the color
samples as provided.

Co-extrusion --3D embossed series

thicker co-extruded layers, deeper embossed grain, ultimate wood-like wood texture!

co extrusion series: increase the co-extrusion layer coating, better anti-aging, anti-ultraviolet ability, more warm and comfortable feel, stronger self-cleaning ability, more suitable for the lighting atmosphere, longer outdoor life!
Mainly divided into co extrusion basic series and co extrusion 3D embossed series.



SPECIFICATION

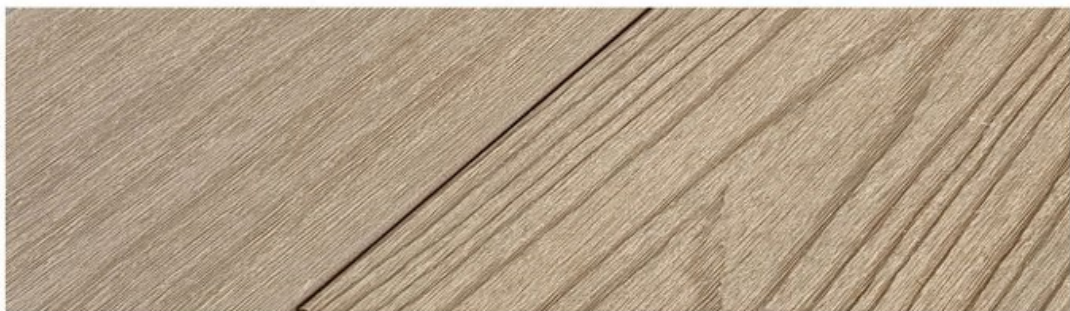


3DGD13823



3DGD14023S

For the ultimate wood-like wood texture!



Two sides two colors: Ancient-AT/Teak-TK



Two sides two colors: Light grey-LG/Walnut-WN



Two sides two colors: Iron putty-IP/High grey-HG

Through our relentless pursuit of perfection, we have replicated the original texture of timber. Using a special process to obtain fine threads, we have created a floor surface that feels, looks, and appears very similar to timber.



3DGD13823:Teak-TK



3DGD13823:Walnut-WN



3DGD13823:Iron putty-IP



3DGD13823:Ancient-AT



Co-extrusion --basic series

Co-extruded layer gives better performance for outdoor use

co extrusion series: increase the co-extrusion layer coating, better anti-aging, anti-ultraviolet ability, more warm and comfortable feel, stronger self-cleaning ability, more suitable for the lighting atmosphere, longer outdoor life! Mainly divided into co extrusion basic series and co extrusion 3D embossed 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.



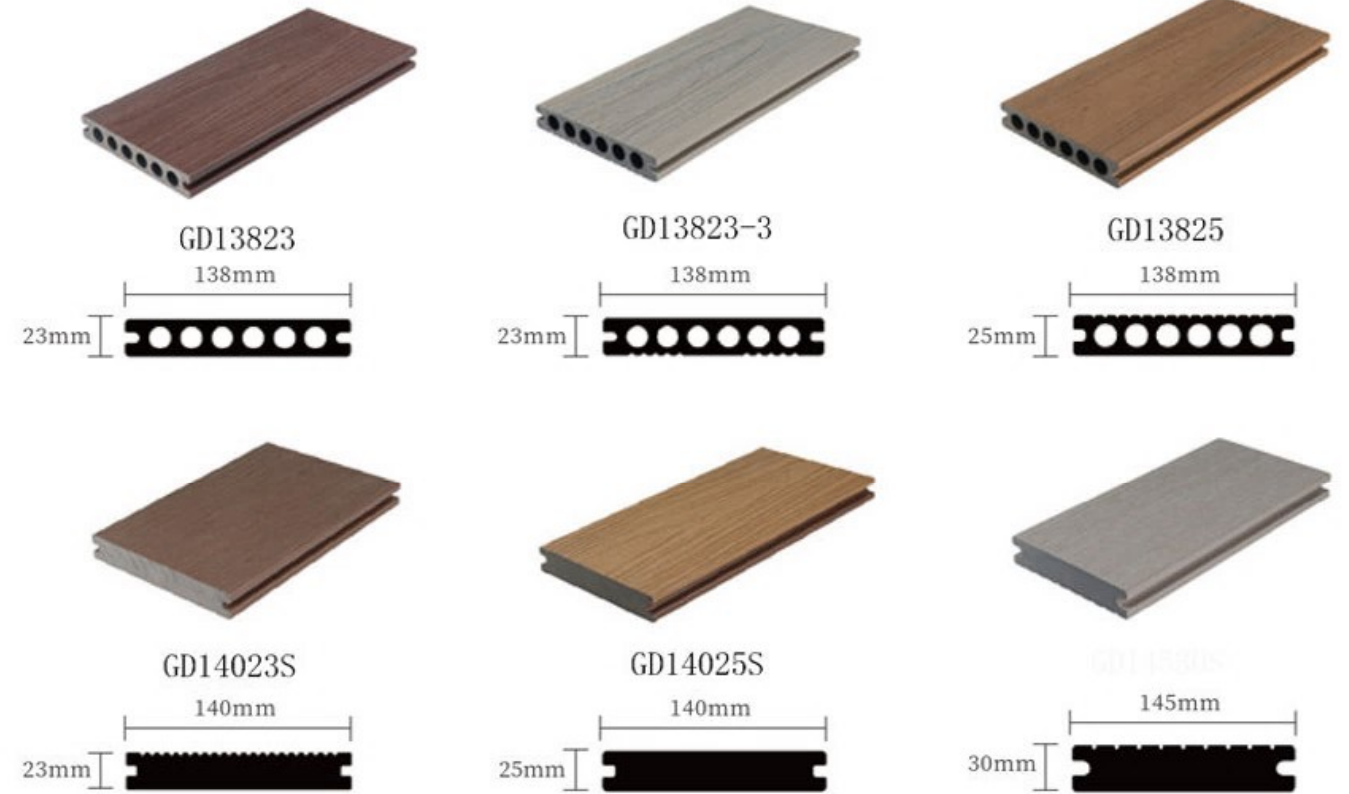
60%
Wood Powder



30%
HDPE



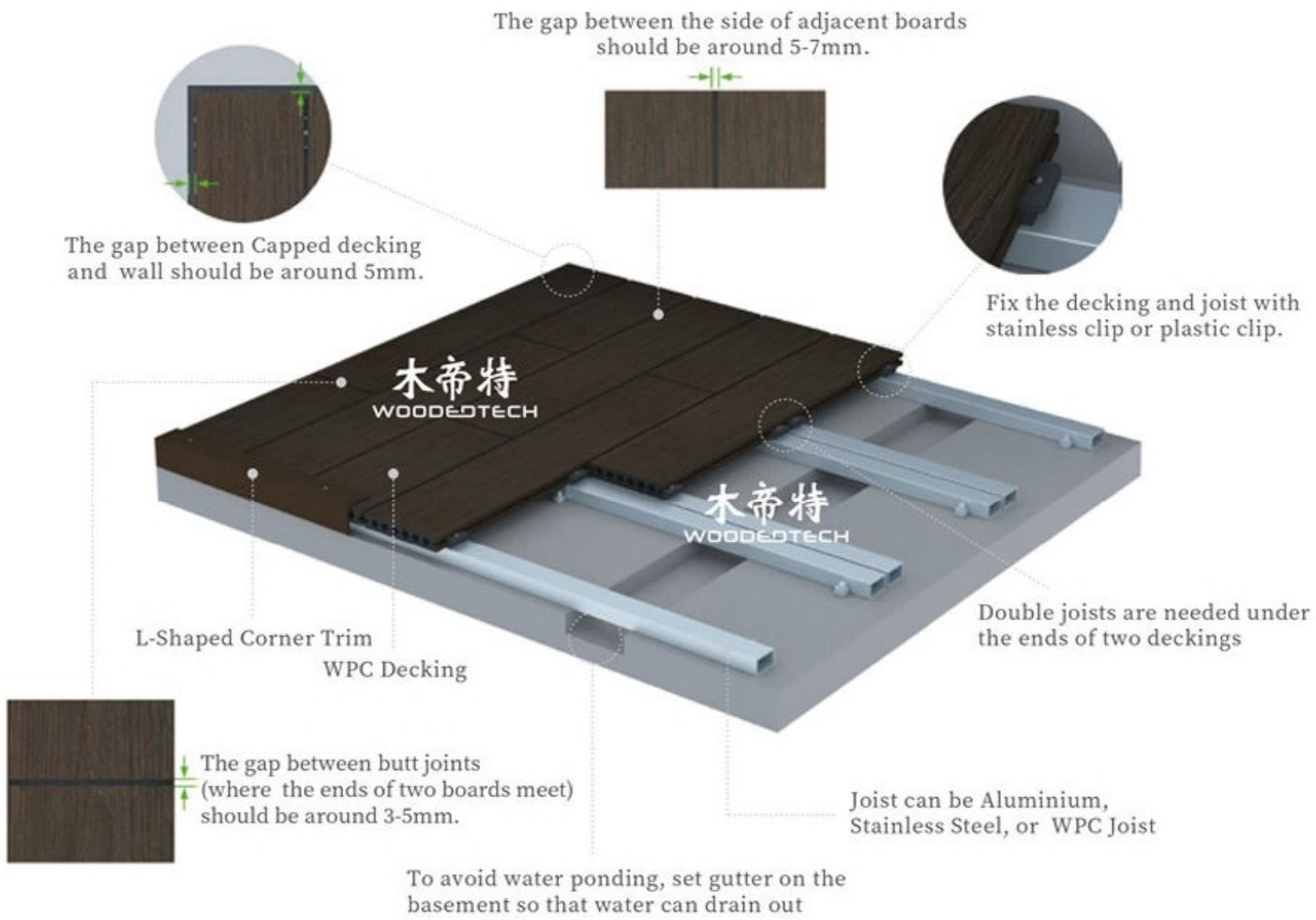
SPECIFICATION



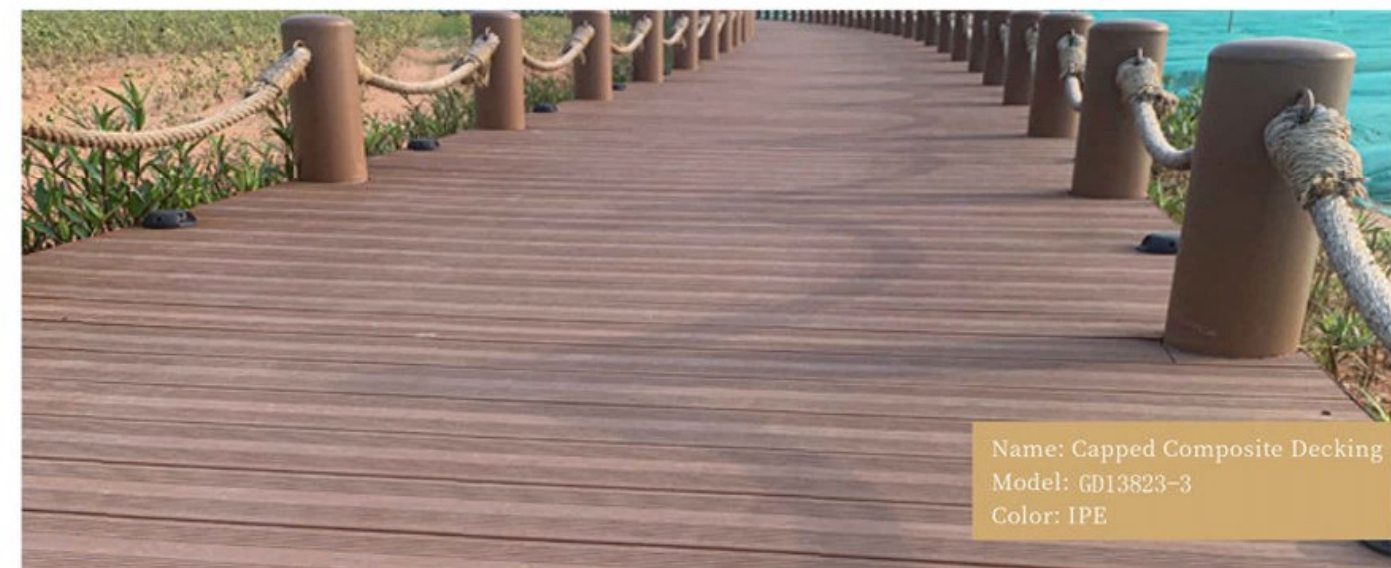
SURFACE TEXTURE



INSTALLATION GUIDE



ACCESSORIES



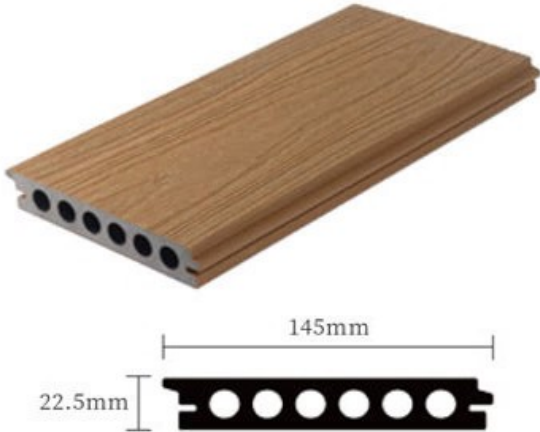
NO GAP COMPOSITE DECKING



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

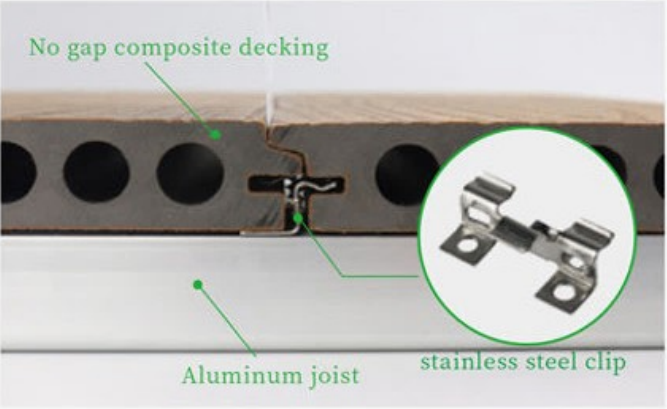
Name: No Gap Composite Decking
 Application: Balcony, Terrace, Courtyard, Sun room, Garden, etc.
 Model: GD14522. 5
 Texture: Wood grain, Brush grain
 Advantage: Waterproof, No gap, No -formaldehyde
 Materials: 30% HDPE+60% Wood powder+10% Additive



ADVANTAGE



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



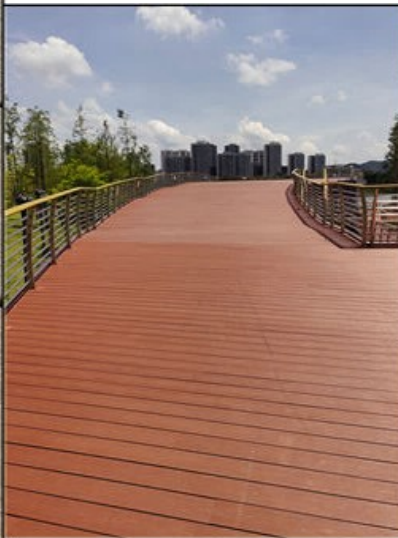
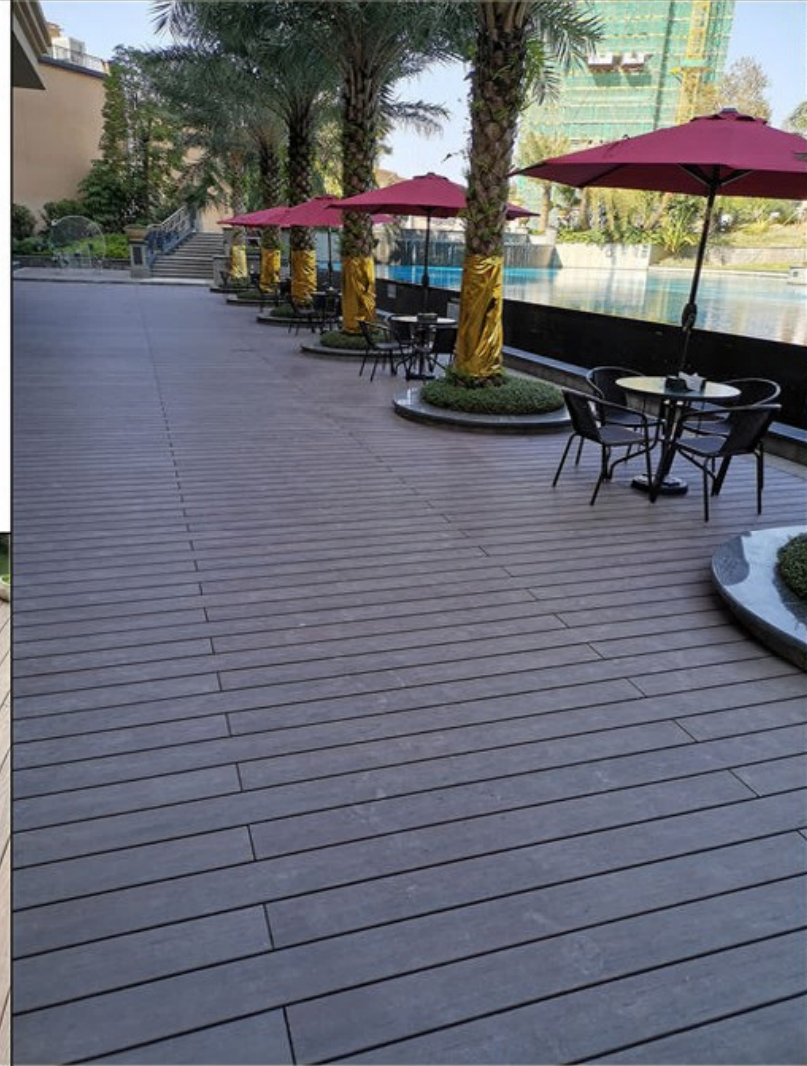
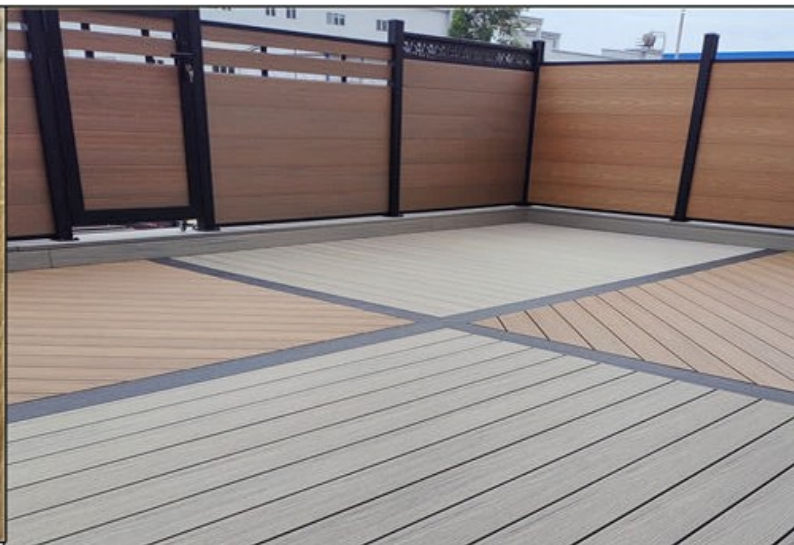
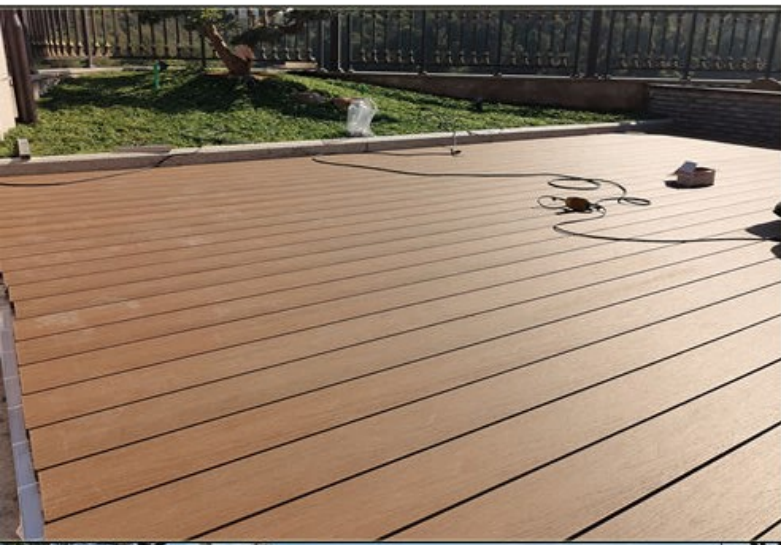
2. Use stainless steel clip to Install the decking to prevent thermal expansion and contraction.



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.



Classic --3D embossed series



Why use 3D embossing decking?

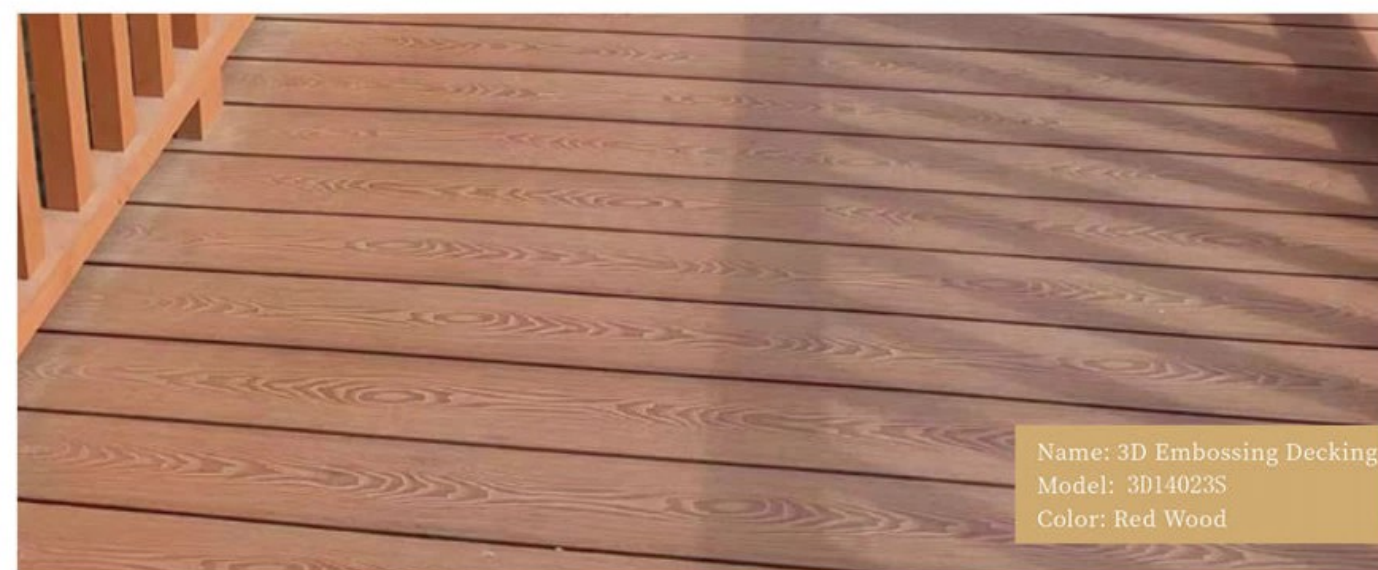
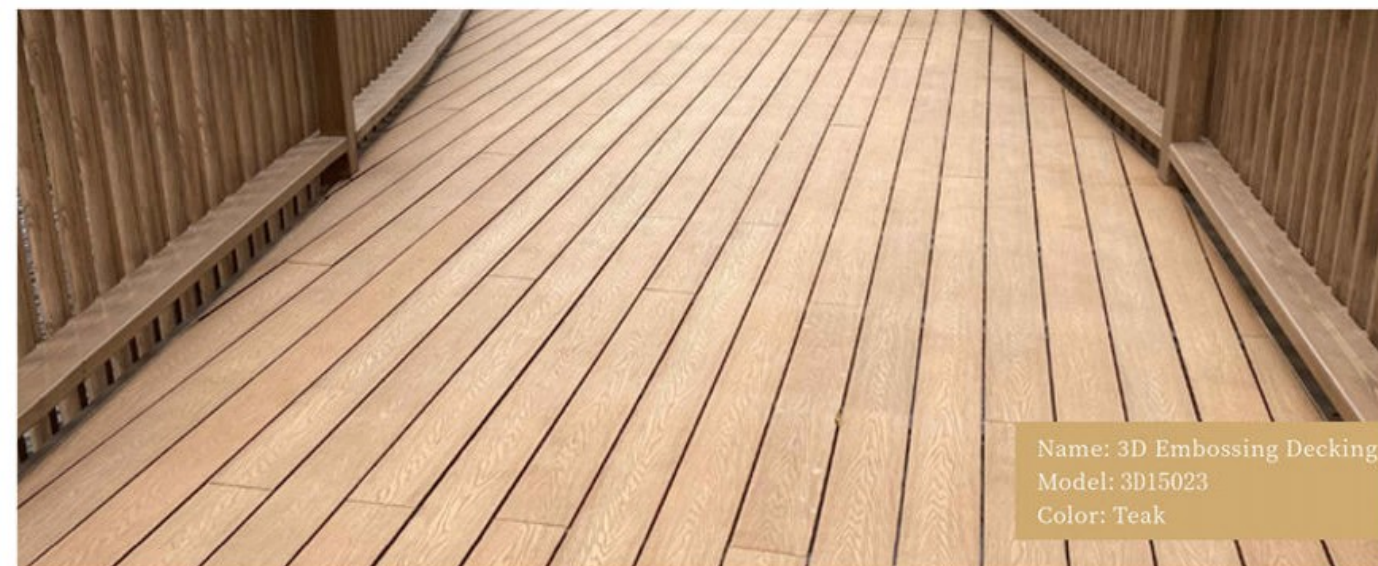
Wood Plastic Composite Decking is a superior material that combines the beauty of wood with the strength and durability of a polymer.

As the sustainable alternative to natural wood decks, banging 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



SPECIFICATION



3D15023

150mm

23mm



3D14025-2

140mm

25mm



3D14023S

140mm

23mm

SURFACE TEXTURE



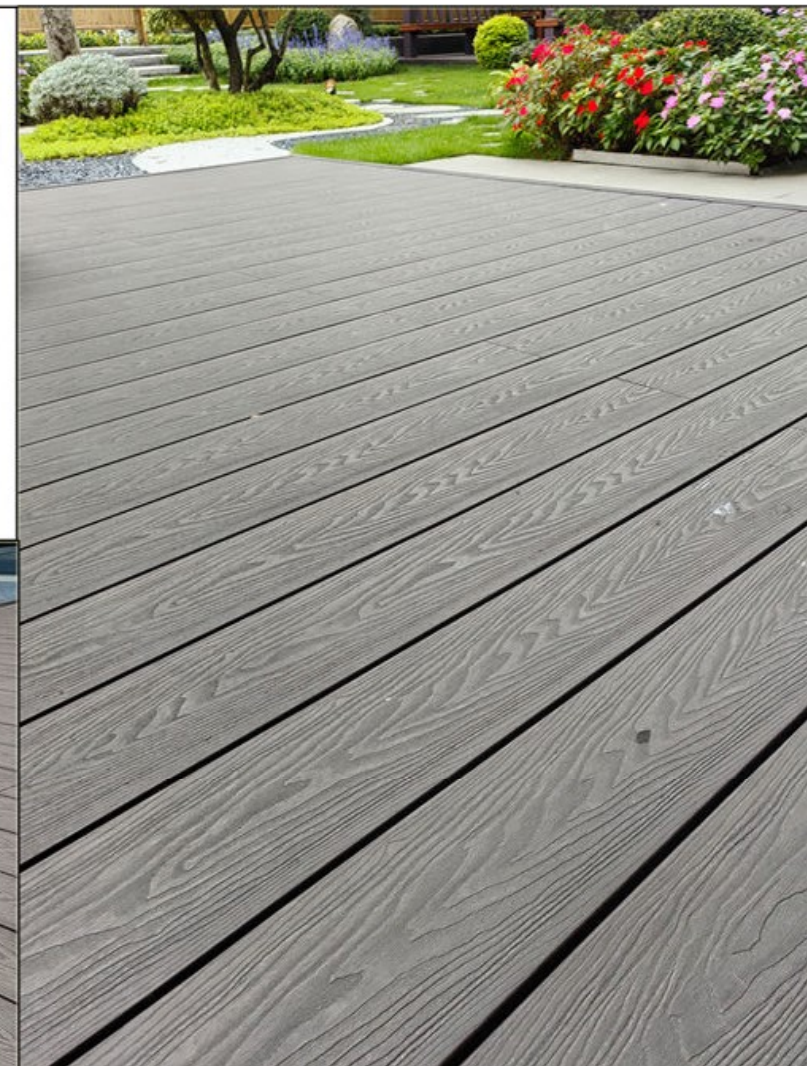
S3 Wood Grain



S4 Wood Grain



S5 Wood Grain



Classic --basic series-Adamas

Ultra high strength

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 S series | 5000-6500 | 50-60 | 13-18 | 95-110 | 3.5-5.5 | 85 | 0.6 |

Adamas WPC Products Superiority



High bending strength



More impact resistance



High tensile strength



Good color fastness



High self-cleaning



Low water absorption rate

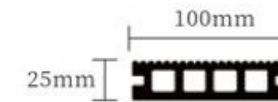


Classic --basic series-Commom

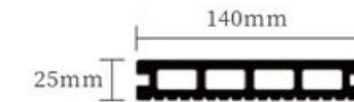
SPECIFICATION



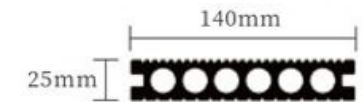
D10025



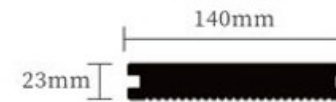
D14025



D14025-6



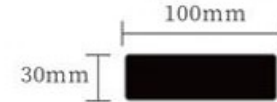
D14023S



D14530



D10030-2S



SURFACE TEXTURE



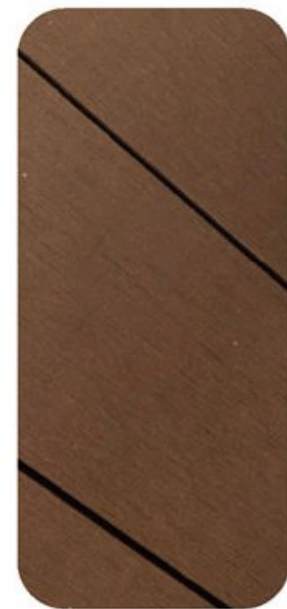
G2 Straight Wood Grain



G3 Cross Wood Grain



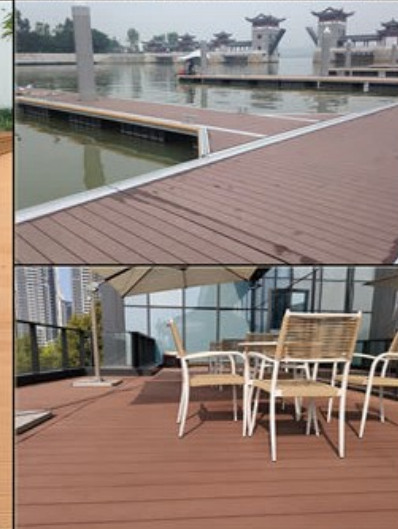
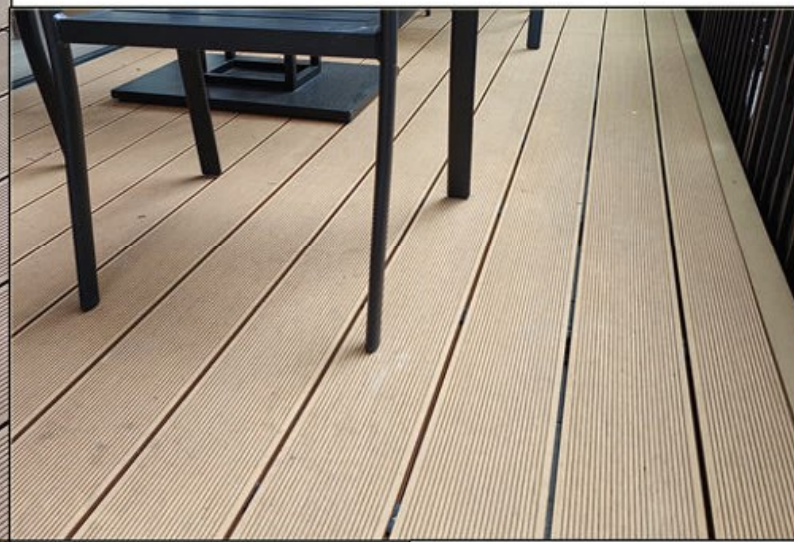
Brushing



Sanding

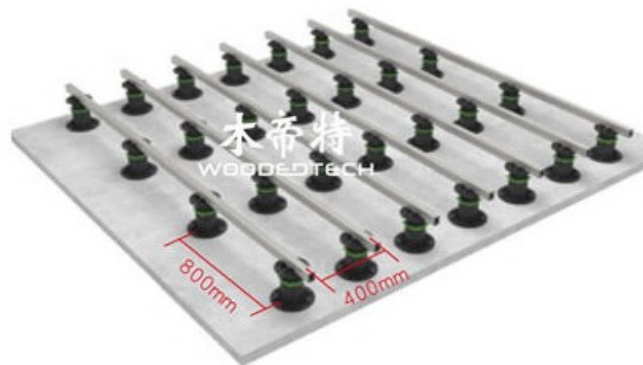


Wood plastic decking is widely used in outdoor courtyards, garden landscapes, parks, commercial places, etc. It not only waterproof, corrosion resistance, Eco friendly can also reducing the over-mining of plants to play a good economy and Environmental protection benefits are favored by the public in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





INSTALLATION GUIDE



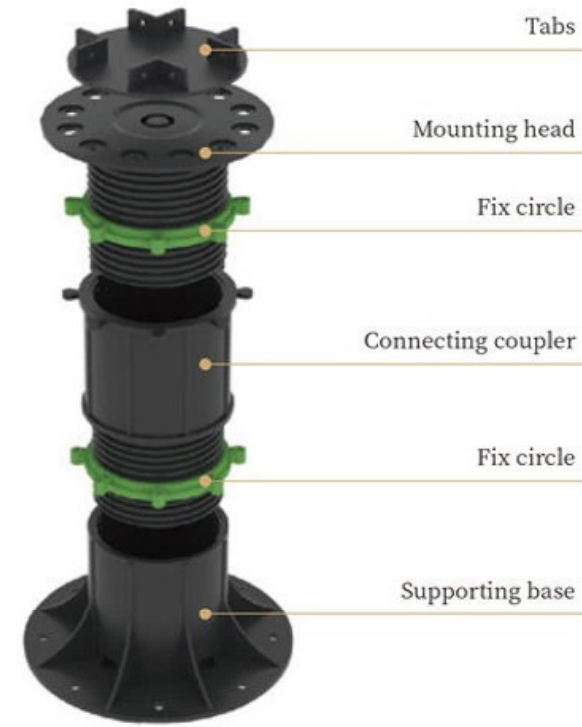
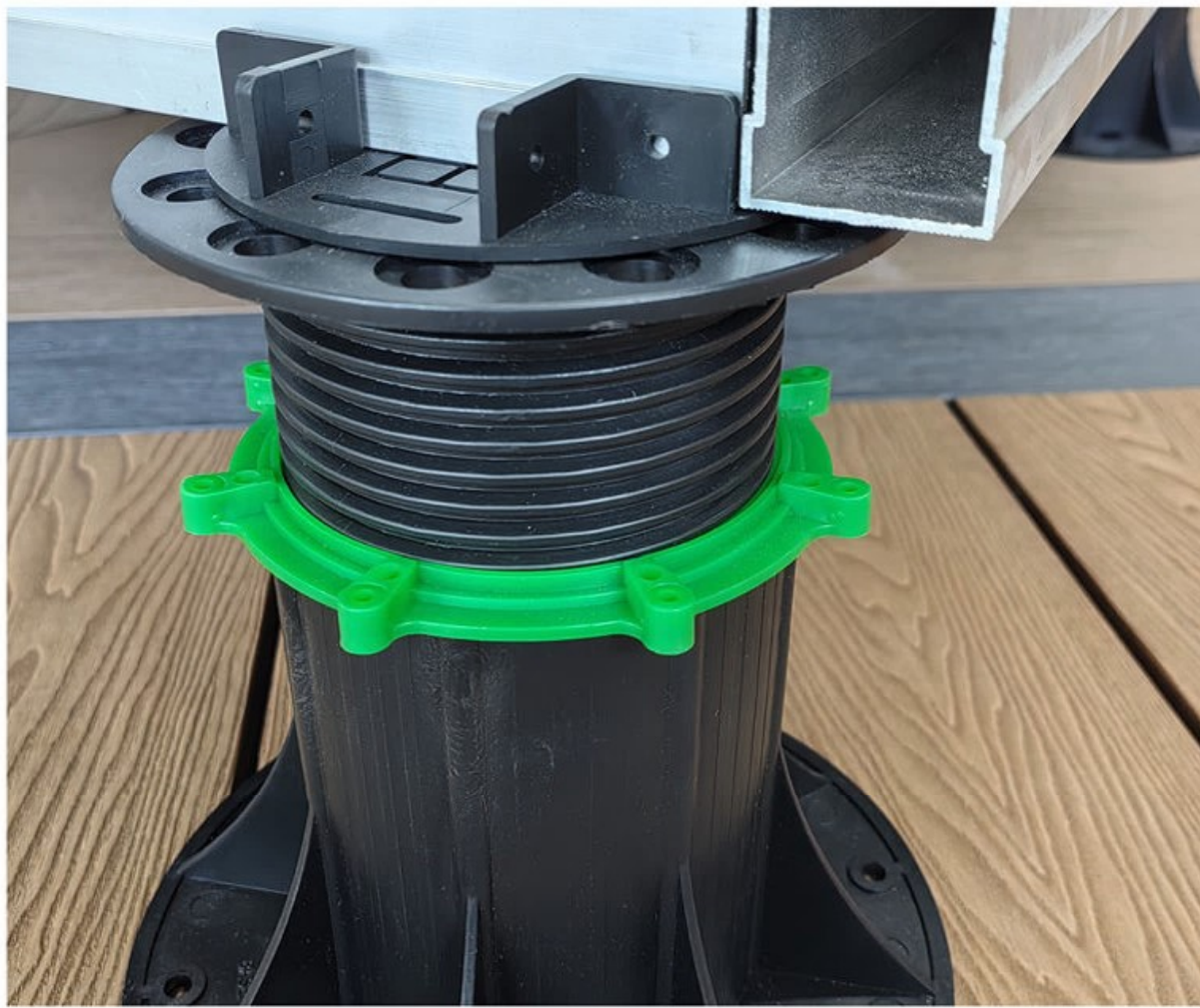
1. Snap the aluminum joists into the pedestal tabs.

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!



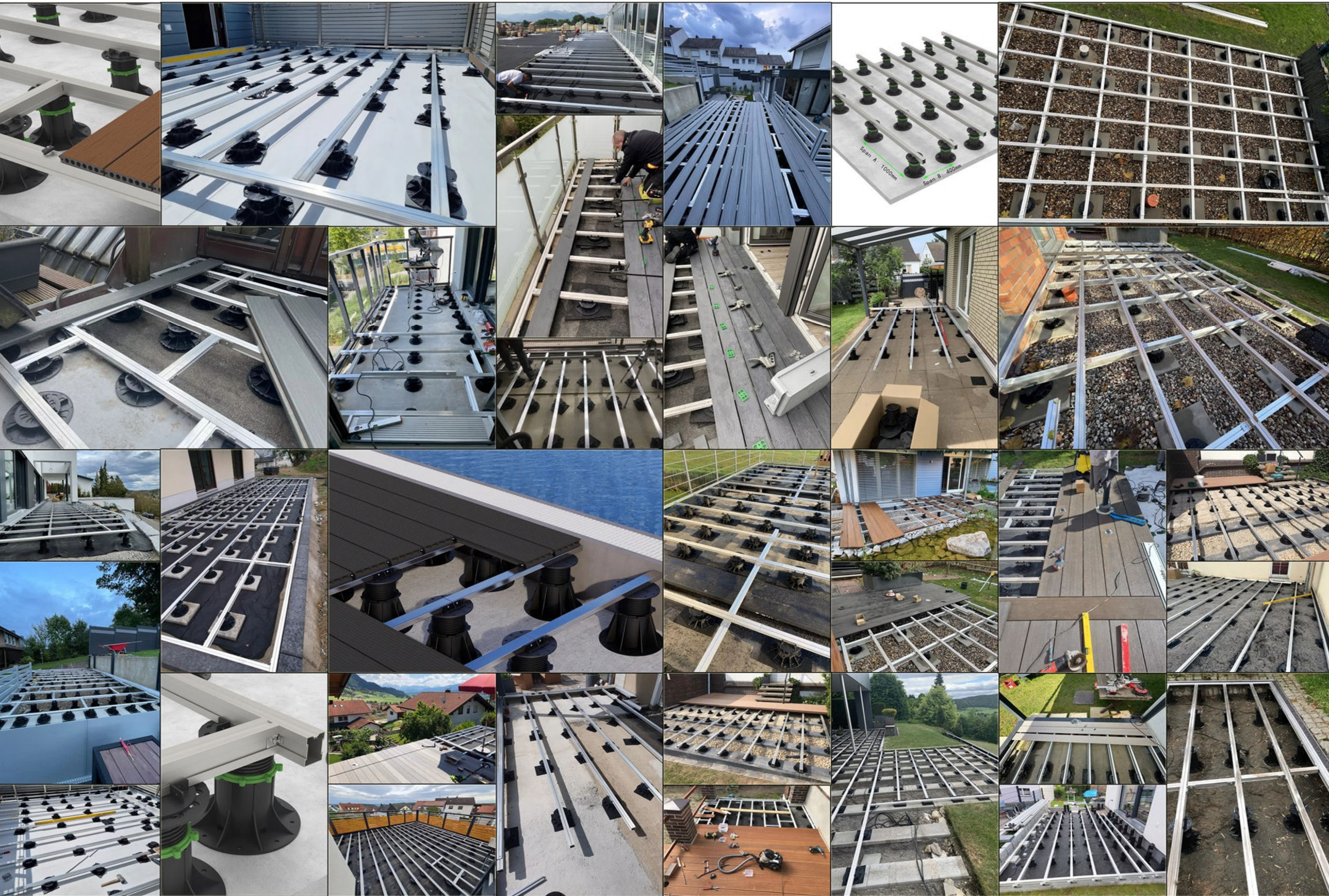
ADVANTAGE

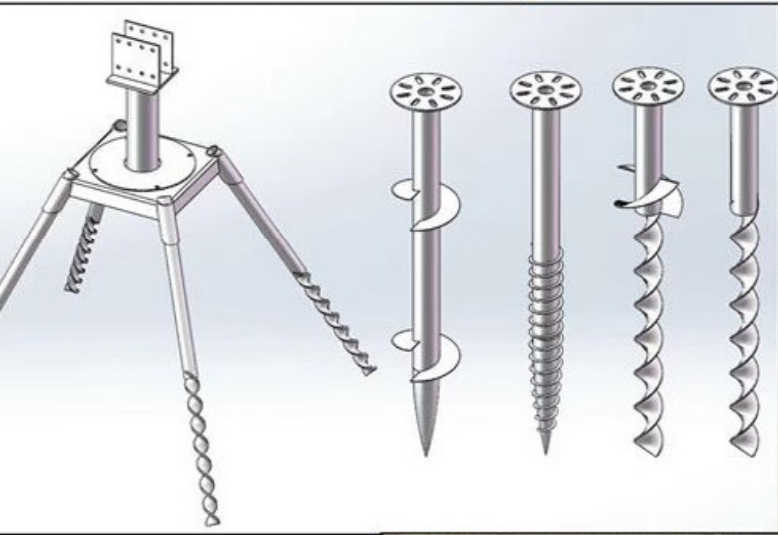
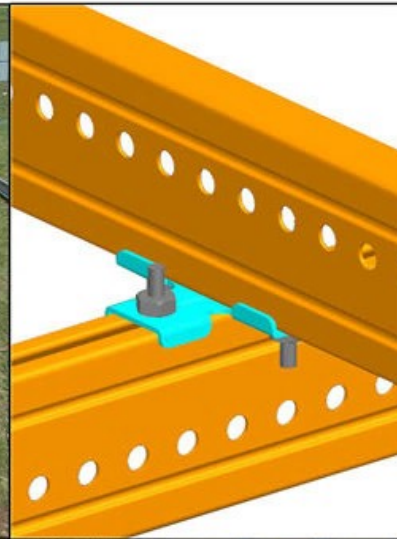
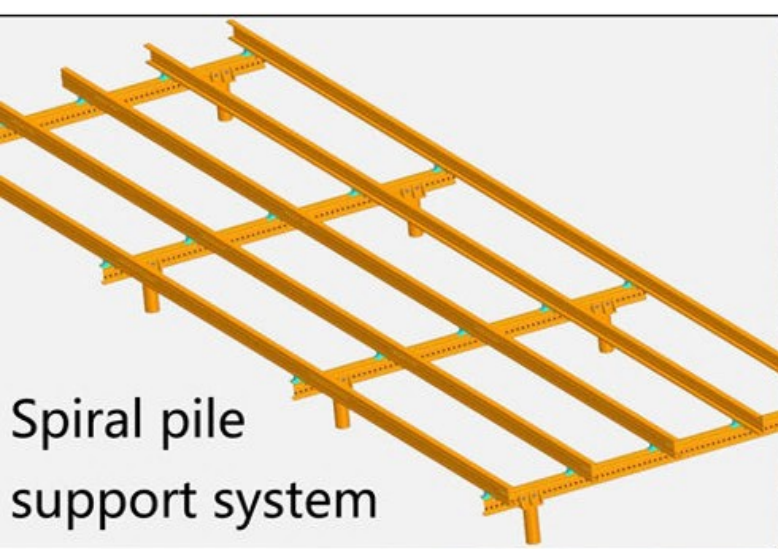
- Hiding the water tube, gauge, cable, etc.
- Meeting the demand of load bearing.
- Raising for water draining to protect decking.
- DIY assemble
- Various adjustable heights
- Fast installation to save time and labor
- Free maintenance

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

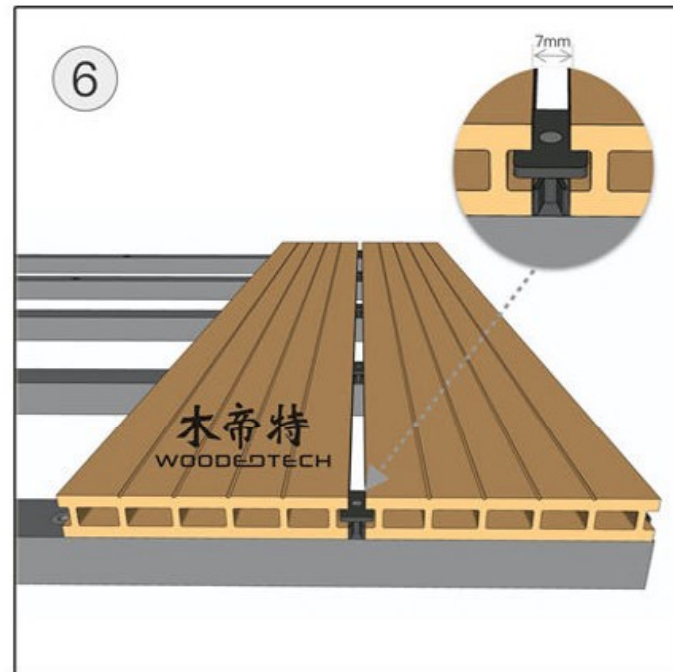
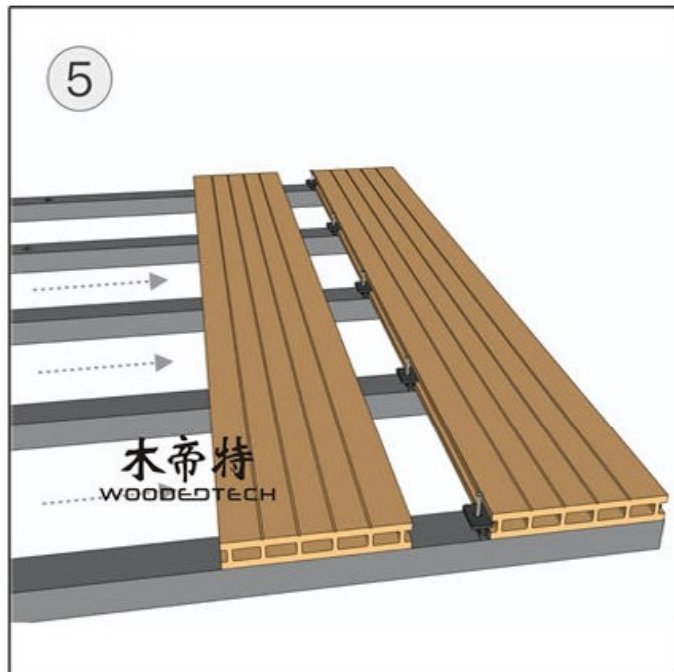
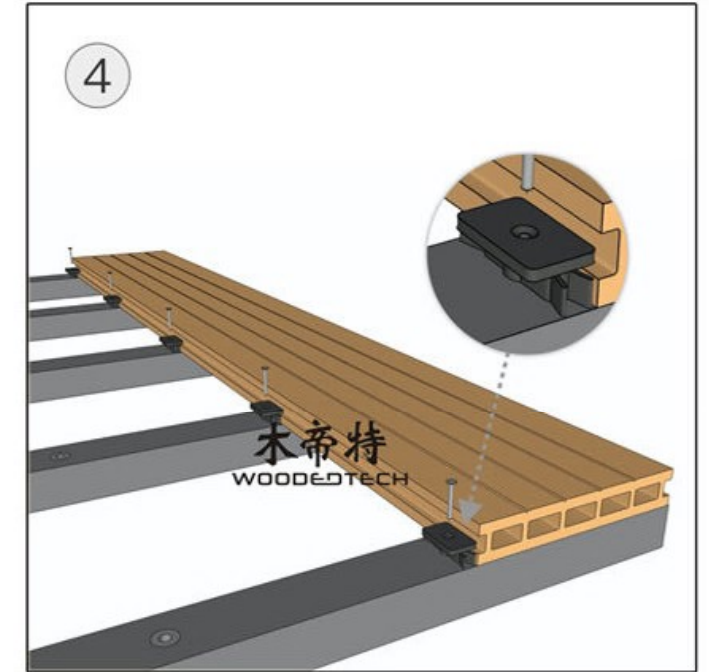
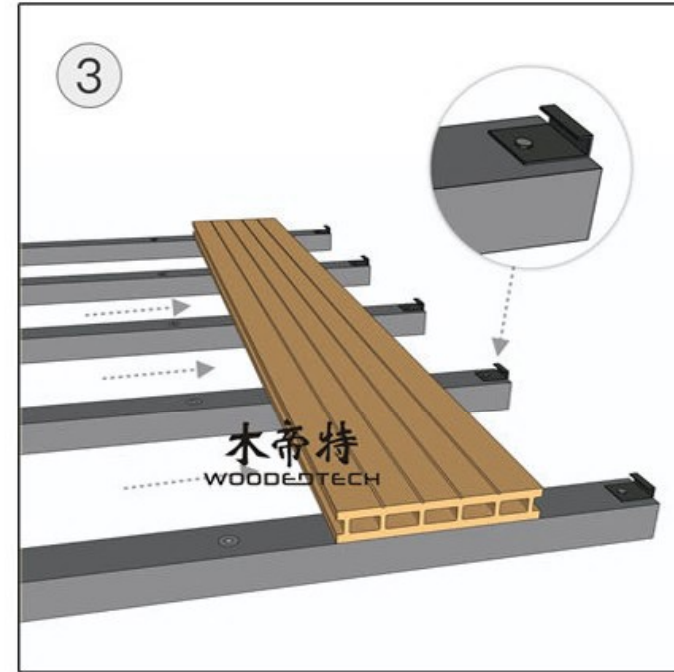
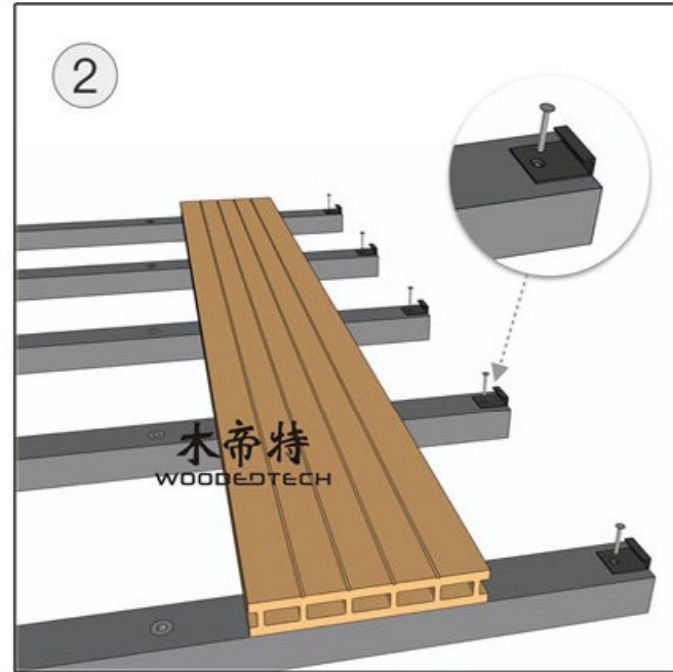
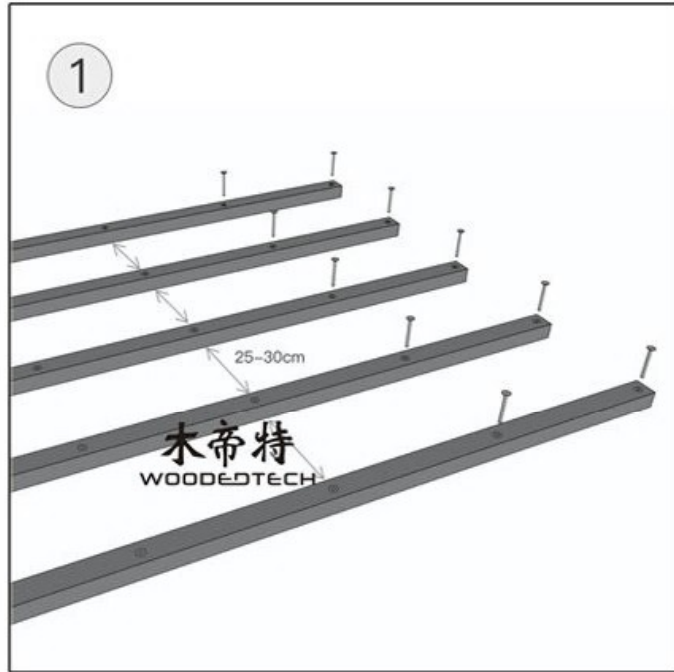
| | | |
|-----------|-----------|--|
| MB-DPAO-A | 30-45mm | |
| MB-DPAO-B | 45-75mm | |
| MB-DPAO-C | 80-130mm | |
| MB-DPAO-D | 130-175mm | |
| MB-DPAO-E | 160-260mm | |
| MB-DPAO-F | 190-320mm | |

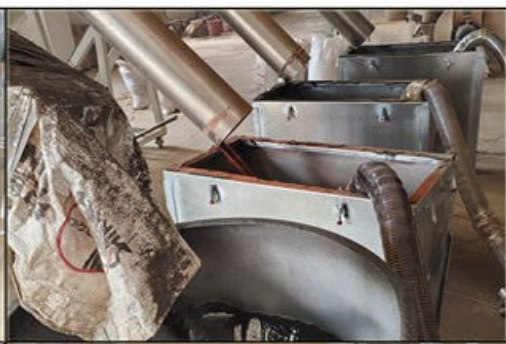






Step-by-step installation guide for WPC decking

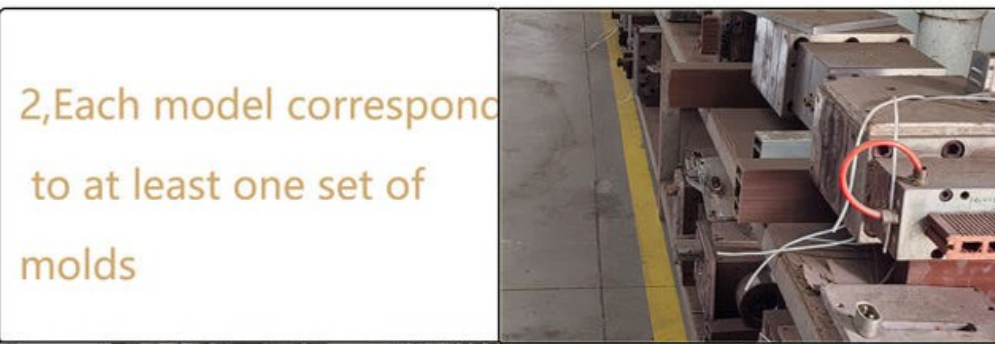




1,High-quality raw materials are mixed and granulated



2,Each model corresponds to at least one set of molds



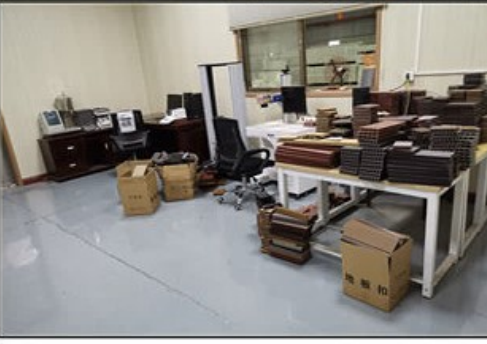
3,The extruder extrudes the raw material into profiles using a mold



4,The extruded profiles must be neatly bundled and cooled.



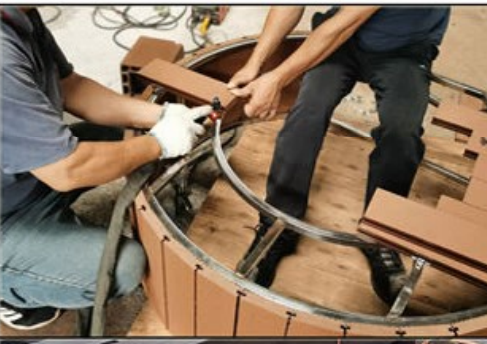
Control the production quality of each process according to quality standards



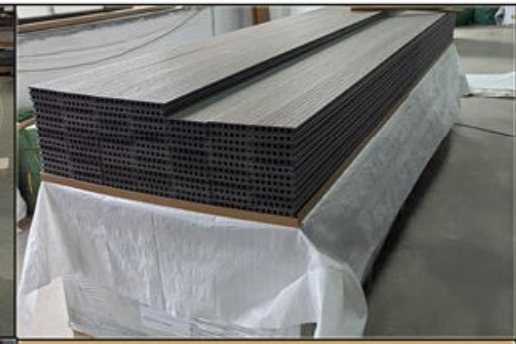
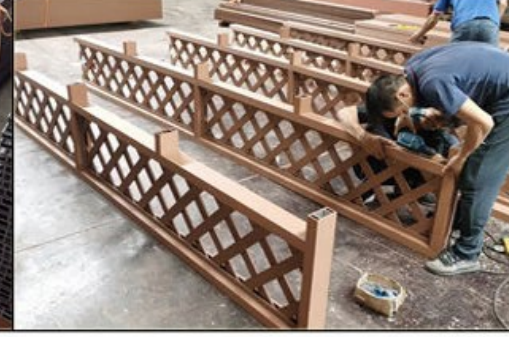
5,Various surface treatments after cooling the extruded profiles



6,Precision cutting of WPC profiles according to requirements



7,Perform woodworking tasks such as drilling, bending, and shaping.



8,Packaged according to order requirements





Loading completed and waiting to arrive in your hands!



Email: woodedtech@gmail.com