

**PVC WOOD-PLASTIC
OUTDOOR WOOD** (ASA co-extrusion)



PVC WOOD-PLASTIC OUTDOOR WOOD (ASA co-extrusion)



※The information in this album is for reference only, and the actual product shall prevail

OUTDOOR WOOD

PVC outdoor wood is a new type of environmentally friendly building material made by mixing high-density PVC, wood flour and other environmentally friendly materials. It features a simulated wood grain surface, is waterproof and mildew-proof, resists ultraviolet rays without fading, has inherent flame retardancy, and requires no painting or maintenance.

PVC outdoor wood adopts environmentally friendly recycled materials and third-generation technological iteration, breaking through traditional limitations. Its ASA co-extruded layer has significant advantages in weather resistance (-20°C ~60°C) and service life (10 years), making it suitable for harsh environments such as high humidity and strong ultraviolet rays



PRODUCT INFORMATION

Specifications and craftsmanship of outdoor grilles

221 Outdoor Grille

Height: 2900mm Width: 221mm Thickness: 26mm
Craftsmanship: Natural color (high gloss), sanded finish (matte)



Natural color (high gloss)
HWGS22126



Sanded (matte)
HWGS22126-S

Specifications and craftsmanship of outdoor flooring

140 Outdoor Floor

Height: 2900mm Width: 140mm Thickness: 25mm
Craftsmanship: Natural color embossed (high gloss), sanded embossed (matte)



Natural color embossed (high gloss)
HWDB14025



Sanded embossed (matte)
HWDB14025-S

Specifications and craftsmanship of outdoor cladding panels

100 Exterior Wall Cladding - (U-joint)

Height: 2900mm Width: 119mm Thickness: 12mm

Craftsmanship: Splicing: U-joint



Natural color (high gloss)
HWQB10012



COMMON COLOR

Color ▼



Light gray

Golden Teak

Walnut

Rosewood Brown

Rosewood Finish

Ebony
(Applicable Flooring and Skirting)

(※For more color and pattern options, please consult the sales department)



✓ Exceptional Longevity

UV resistant | Corrosion proof | Water repellent
10-20 year service life



✓ Enhanced Safety

Superior flame-retardant performance
Significantly reduces fire hazards



✓ Enduring Aesthetics

6 classic woodgrain finishes
Realistic textures | Fade-resistant colors



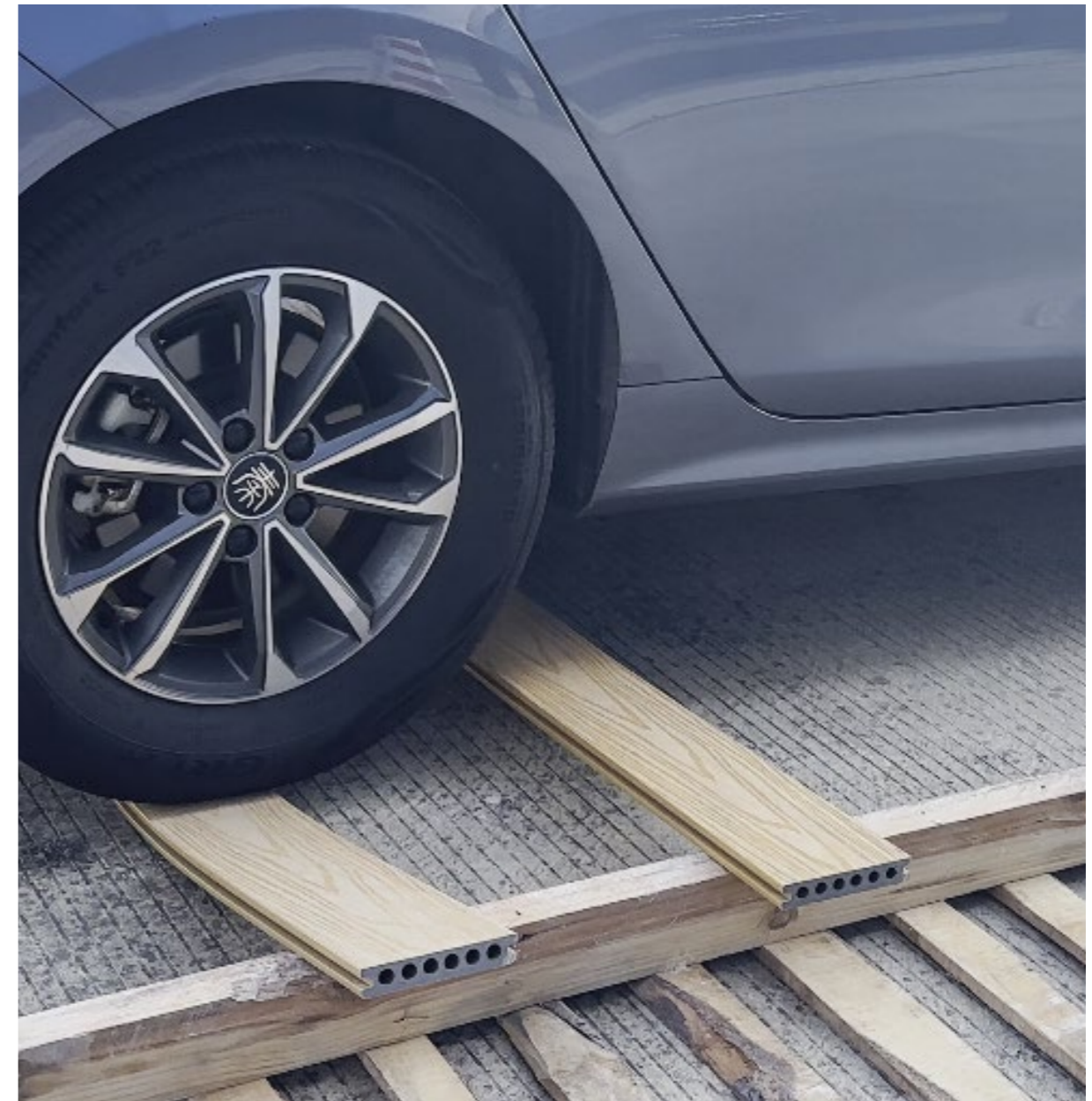
✓ Lightweight Efficiency

Reduced weight for easier handling/installation
Lowers long-distance logistics costs



✓ Simplified Installation

Minimal thermal expansion → Narrow joint gaps
Snap-lock system for rapid assembly



✓ Near-zero Maintenance

Dense surface resists stains/mold
Virtually maintenance-free

PRODUCT COMPARISON

Ours	PK	PE material wood-plastic board
High weather resistance: UV-resistant, corrosion-resistant, non-water-absorbent, with a service life of 10-20 years	Durability	Relatively low: Prone to aging and fading, liable to deformation and cracking, with a service life of 5-10 years
The texture is realistic and resistant to fading. After 2,000 hours of exposure to intense sunlight, the fading level is ≤ 3	Color	The texture is relatively rough and it fades easily
Adjust the polymer structure, control the gram weight, and reduce transportation costs by 27%	Weight	Heavier (density 1.35-1.45g/cm ³)
Low thermal expansion and contraction rate, and buckle design	Installation	Obvious thermal expansion and contraction
Almost maintenance-free (dense surface, stain-resistant and mildew-proof)	Maintenance	Requires regular cleaning and may need to be painted to prevent aging

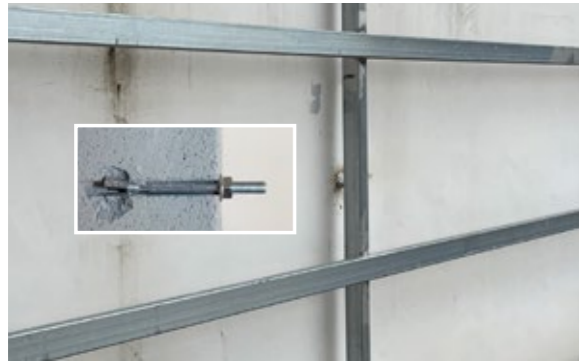


WHY IS ASA CO-EXTRUDED WOOD-PLASTIC WORTH CHOOSING

Although ASA co-extruded wood-plastic is about 20%-30% more expensive than ordinary wood-plastic, it offers better cost performance in terms of long-term application effects.

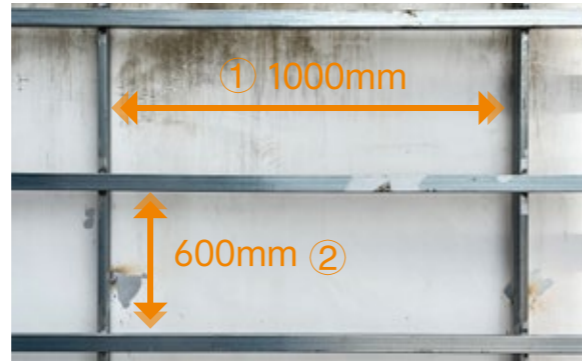
Characteristics	ASA Co-extruded Wood-Plastic	PVC Wood-Plastic	PE/PP Wood-Plastic
Waterproofness	★★★★★ Completely non-absorbent	★★★★★ Completely non-absorbent	★★★ Will absorb moisture
Density/Hardness	★★★★★ Higher	★★★★★ Higher	★★★ Relatively light and soft
Environmental friendliness	★★★ Lead-free formula must be selected	★★★ Lead-free formula must be selected	★★★★★ Easier to recycle
UV-resistant	★★★★★ Extremely high	★★★ Generally	★★ Generally
Price	★★★★★ Moderately high	★★★ Medium	★★ Lower
Maintenance frequency	★ Extremely low	★★ Low	★★★★★ High

INSTALLATION GUIDE



1. Fixed connection:

First, lay the keels. The intersections of the main keels and the face keels need to be firmly connected and must be fixed with expansion screws to prevent loosening



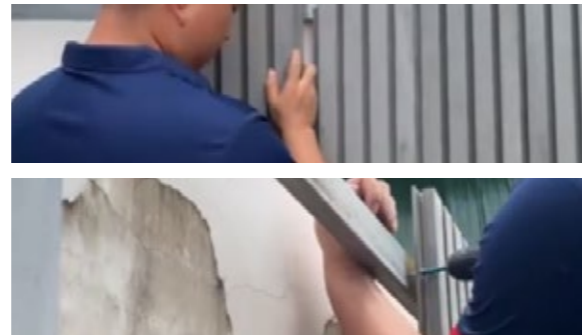
2. Follow up processing should be carried out according to the following standards:

- ① The horizontal spacing between the main keel is set to 1m.
- ② The keel laid on the surface layer is arranged at a vertical spacing of 60cm
- ③ Ensure the flatness of the laid keel surface



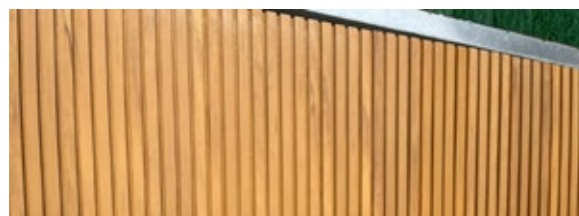
3. Paint anti-rust paint on the welded parts:

The final step of fixing treatment is required, which is to apply anti-rust paint to all welding parts. When painting, it is necessary to ensure that each welding point is evenly covered to achieve the anti-rust effect.



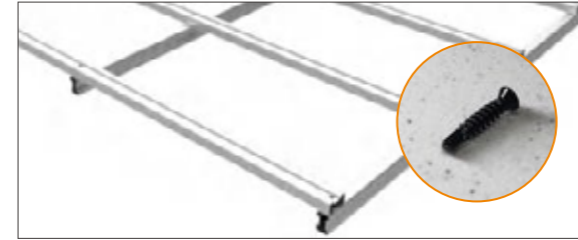
4. Install outdoor wall panels:

- ① Directly lay outdoor wall panels, fix them with screws.
- ② Repeat the process
- ③ If the ground flatness is insufficient, the product should be cut as necessary according to the actual on-site situation to ensure that the top is neat and uniform



5. Completion effect

INSTALLATION GUIDE



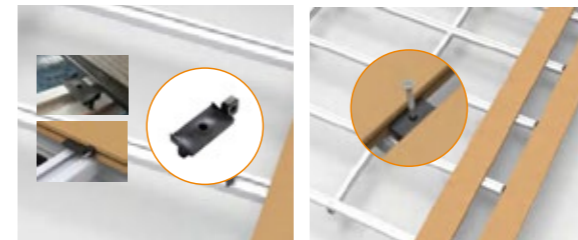
1. Install aluminium joist system:

Firstly, lay the keel. In order to fix the board with screws, the wood plastic flooring can be directly laid after welding,



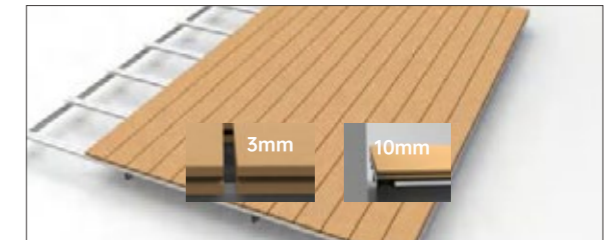
2. More stable decking system:

Once the skeleton is laid, lay the floor. (The spacing between the keels should not exceed 30cm) The position of the joint between the two floors requires the support of two keels, and at the same time, two buckles are needed to separately fix the floor;



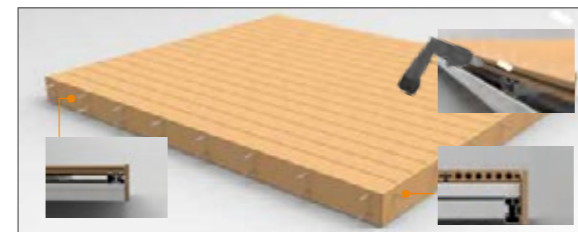
3. Special clamp fixed installation:

- ① Use 3mm thick wooden boards to clamp between the boards, ensuring even gaps between the boards.
- ② Screw fixed floor fasteners, each surface in contact with the frame and board requires separate fasteners for fixation
- ③ Circular installation, completed paving, with no nail holes on the surface for a more beautiful appearance. (if nail installation is required, holes need to be drilled before construction)



4. Repeat the installation steps:

- ① Make sure the gap between cross sections of decking boards is no less than 3mm.
- ② Make sure 10mm gaps to the walls for the expansion or contract.



5. Processing edge closure:

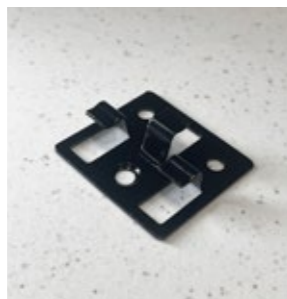
To handle wall edge trimming or panel facade, it is necessary to cut the floor

MOUNTING ACCESSORIES

Must-have accessories



▲ 8mm type fastener(Seam gap 1.5mm)
(Suitable for wood-plastic flooring)



▲ 8mm square fastener(Seam gap 5mm)
(Suitable for wood-plastic flooring)



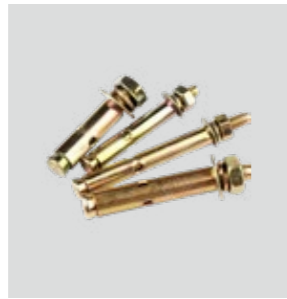
▲ 8mm starting fastener
(Suitable for wood-plastic flooring)



▲ 8mm end fastener
(Suitable for wood-plastic flooring)



▲ Stainless steel drill steel screws
(Suitable for grid plates and floor boards)



▲ Expansion screw
(Suitable for grid plates and floor boards)



▲ ASA co-extruded corner line
(Suitable for grid plates and floor boards)

SOLUTIONS & CASE















