





Made from recycled materials

As our natural resources are limited, we need protect and recycle for future generations.

UTOP WPC Recycling, Environment, Sustainable.



UTOP WPC

HEBEI UTOP TECHNOLOGIES CO., LTD. is a manufacturer of decoration WPC materials for more than 8 years with 56 separate production lines.

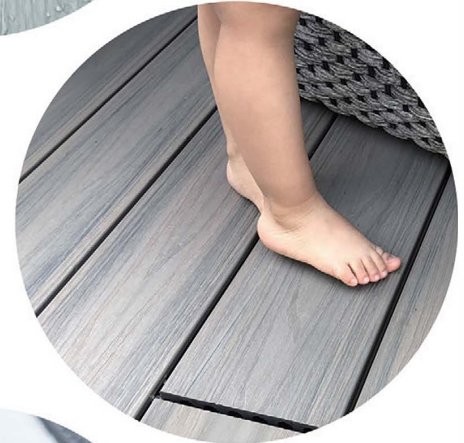
Up to now, the annual production exceeds 30,000 tons and sells to more than 50 countries all over the world. We have convenient transportation access to Beijing Airport and Tianjin port.

UTOP is the drafting unit of WPC National Standards, has taken through Reach, ASTM, CE, FSC and other certifications. UTOP dedicated to quality remains the same focus on details and for the sake of customers.



WPC Product Advantages

- Produced of recycle wood fiber and recycle plastic.
- With natural wood grain and wood colors.
- Low maintenance.
- Easy to install.
- Resistant to termite and insect attack, will not split, rot or warp.
- Weather resistant.
- High performance, slip-resistant composite board that will with stand years of sun, rain, sleet and snow.



UTOP WPC Unique Advantages

- Located in northern of China has relatively less rain. During the production process due to the low water content, the production quality is more stable.
- Co-extrusion fabrics are independently developed and supplied make sure the product quality stability.



CONTENTS

Decking.....1

Fence.....12

Railing.....22

Wall Cladding.....24

Screen.....27



Easy to install



Waterproof



Widely used



Anti-moth



High density



Eco-friendly



Scratch-resisant

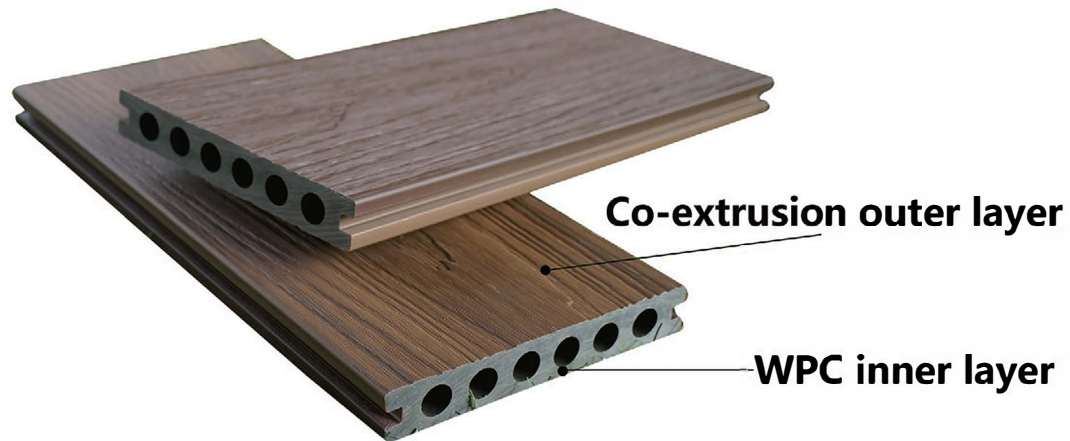


Multi-colors

WPC Decking Co-extrusion



What is Co-extrusion Decking?

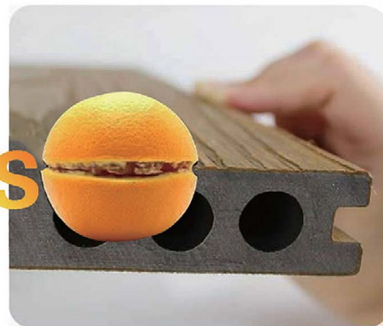


Simply, it is a HDPE outer layer that surrounding the core material, it is designed to enhance the performance of anti-scratch, waterproof.

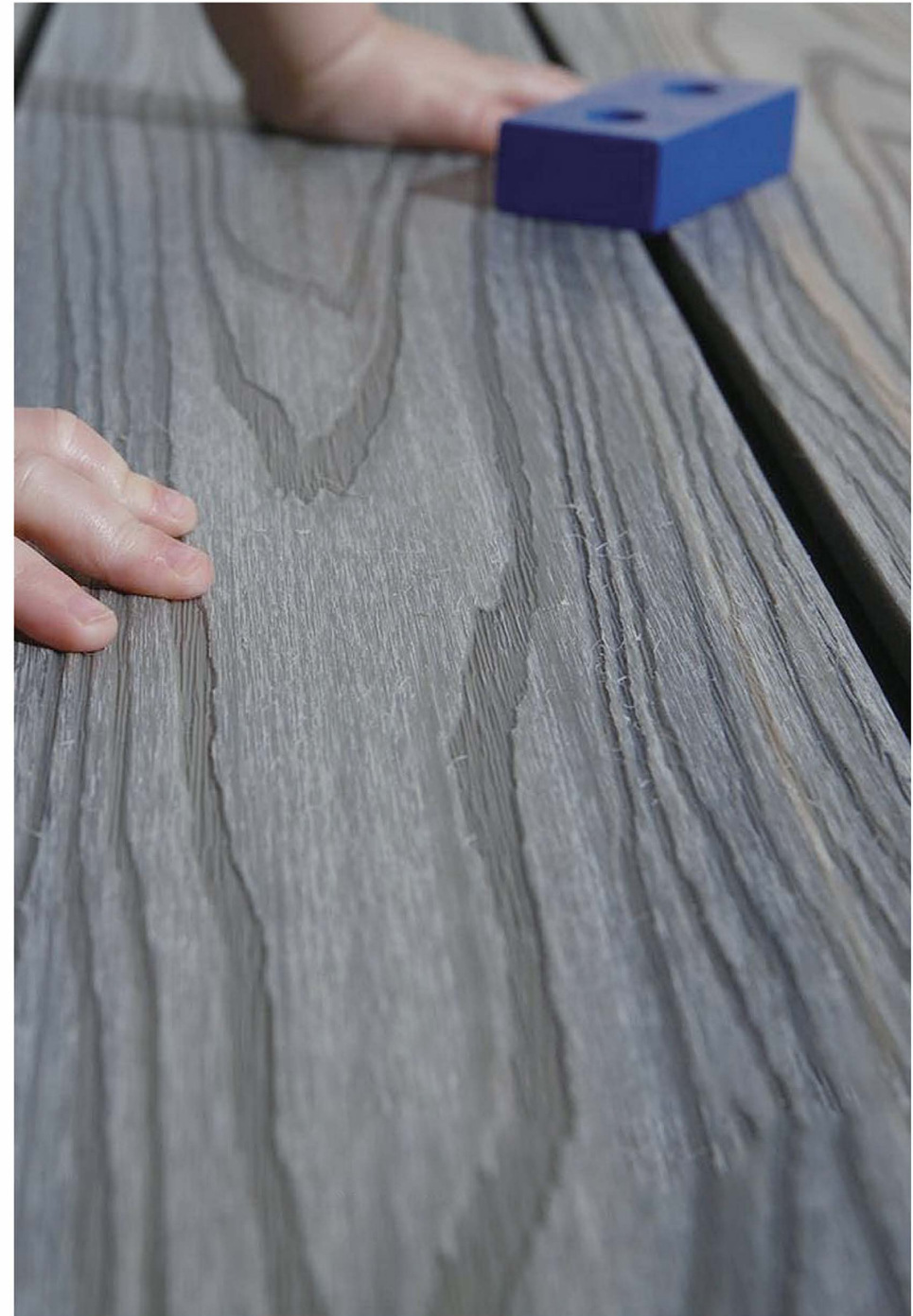
Traditional



Co-extrusion

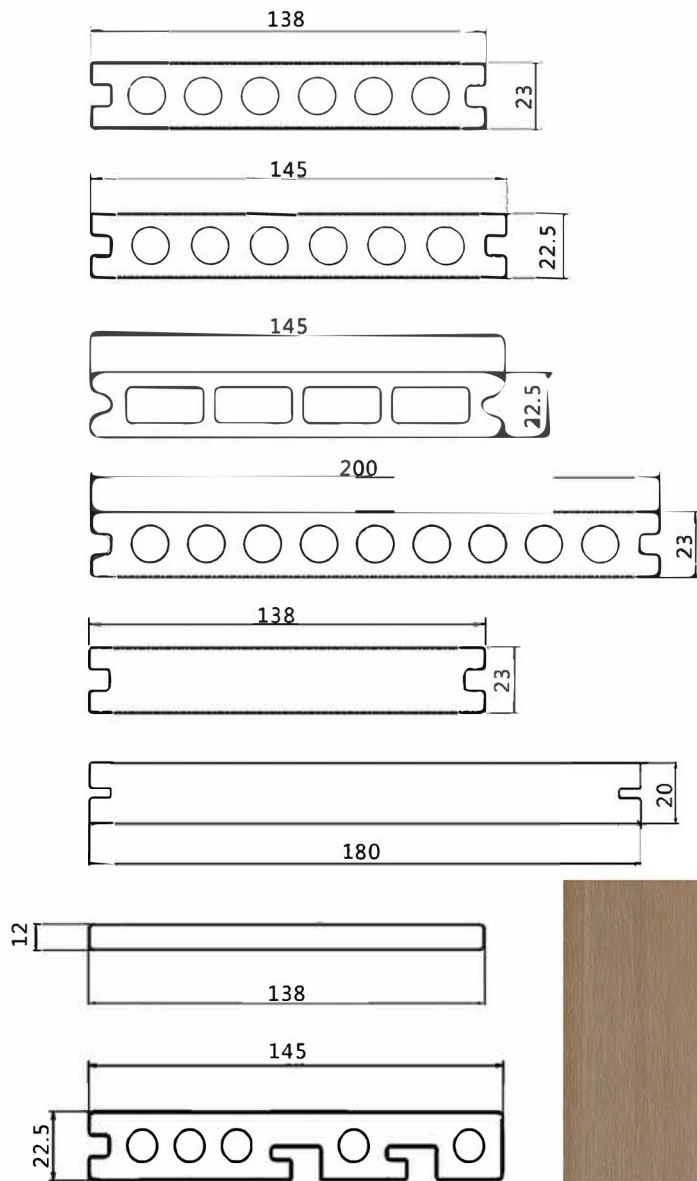


UTOP co-extrusion products has stronger performance than traditional in all fields.





Profile Suggestions



Surface Treatment

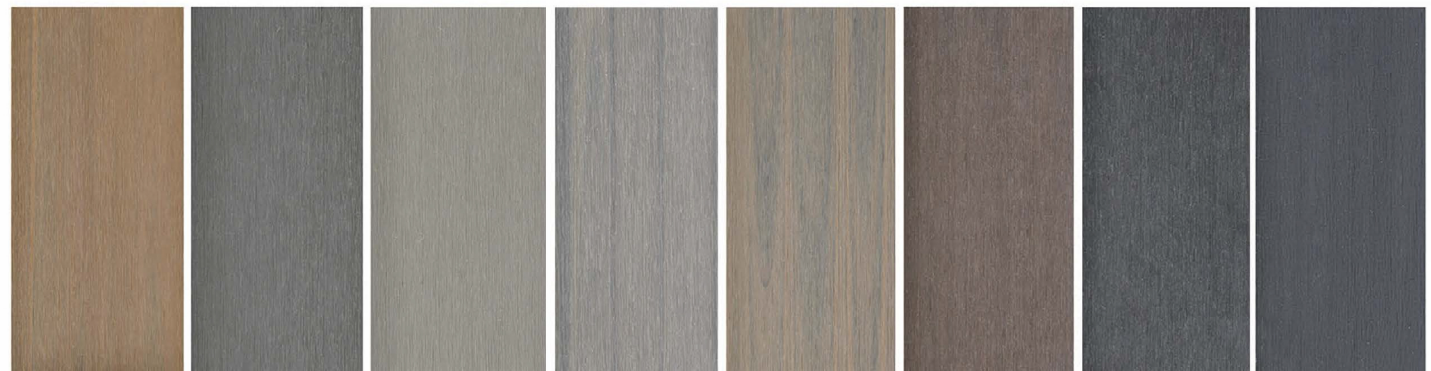


Co-extrusion

Co-extrusion Brushed

Co-extrusion Wood Grain

Color Switch



Teak

Silver Gray

Gray

Antique Gray

Maple

Coffee

Charcoal

Dark Black

WPC Decking 3D Embossed

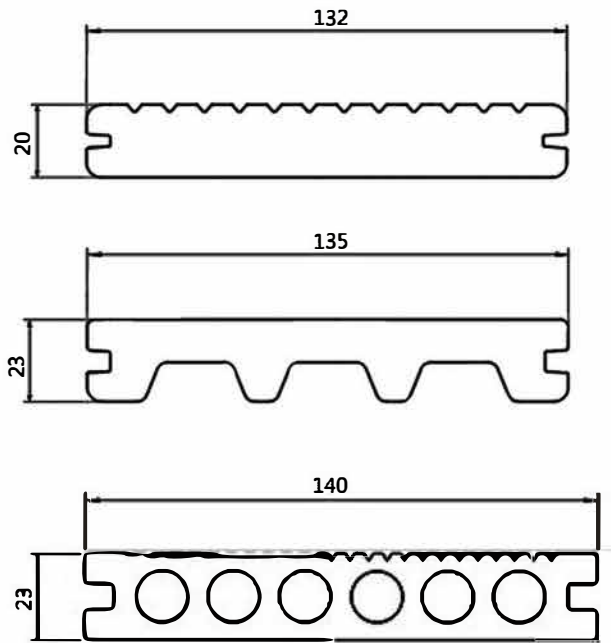


3D Embossed WPC Compare With Traditional WPC Woodgrain

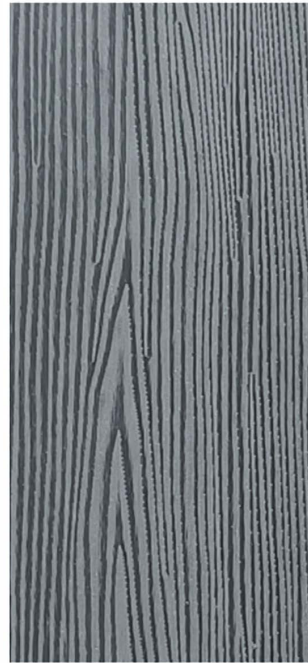
- Better wooden texture than traditional wpc
- The abrasion resistance of 3D embossed decking is better than traditional wpc
- Better slip resistance
- Weathering resistance



Profile Suggestions



Surface Treatment



Modern



Natural



Classic

Color Swatch



Teak

Redwood

Light Coffee

Coffee

Dark Coffee

Light Gray

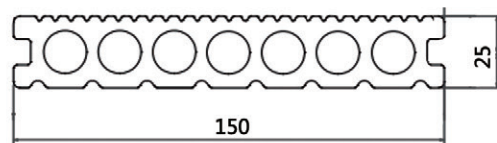
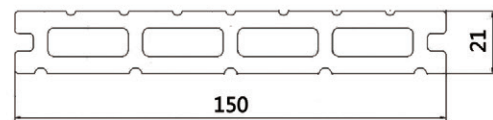
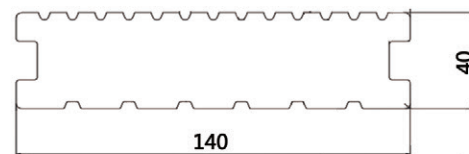
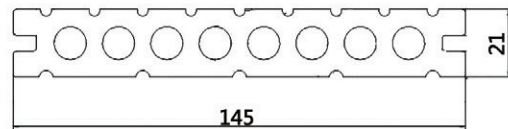
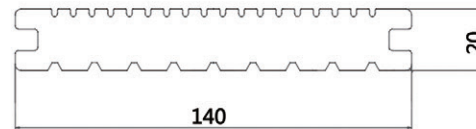
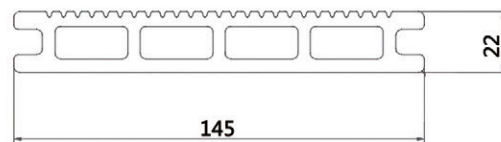
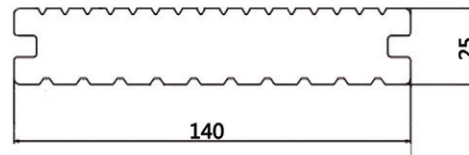
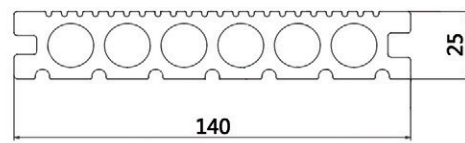
Dark Grey

Anthracite

WPC Decking Traditional



Profile Suggestions



Surface Treatment



Groove

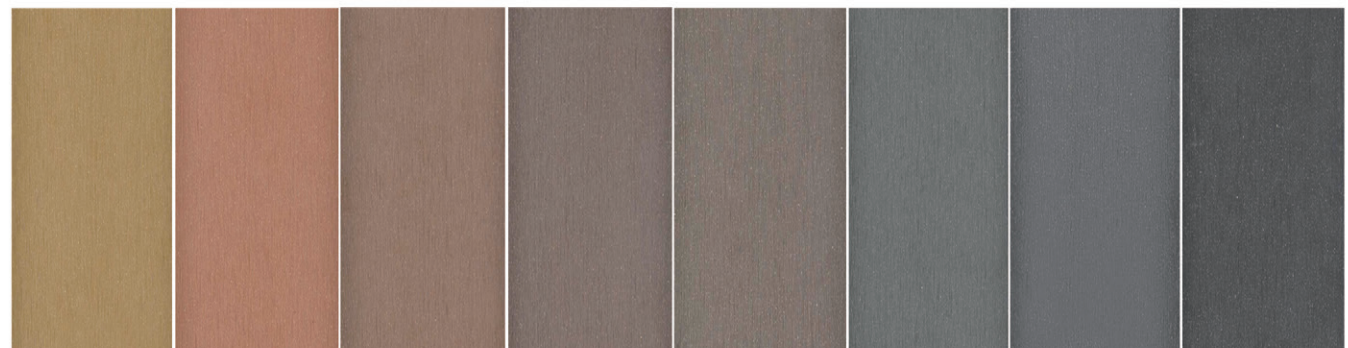


WoodGrain



Flat

Color Swatch



Teak

Redwood

Light Coffee

Coffee

Dark Coffee

Light Gray

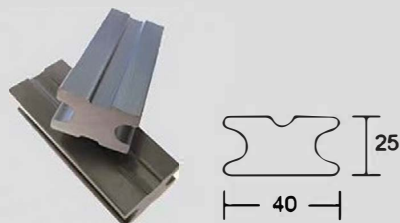
Dark Grey

Anthracite

Installation

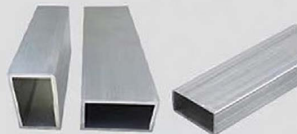
Tools

Standard woodworking tools: chainsaw, impact drill, hand drill, drill bits.

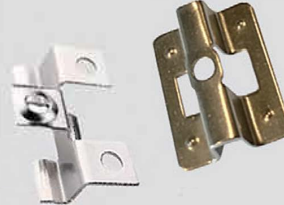


Composite Joist

OR



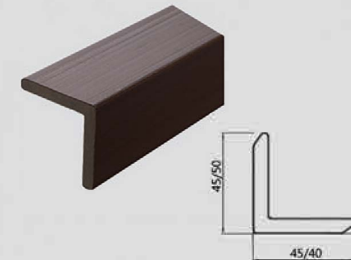
Galvanized Steel Pipe Joist



SS Clip



Plastic Clip



L corner



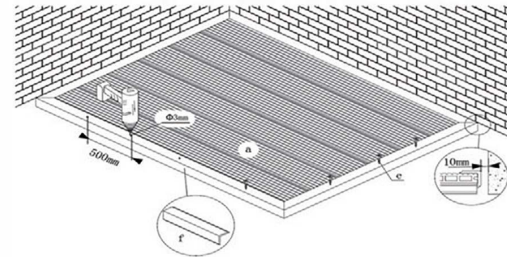
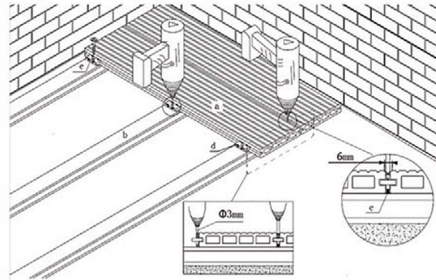
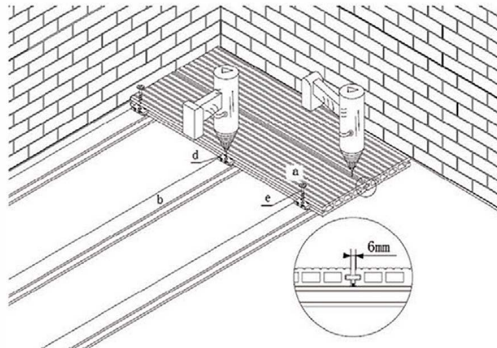
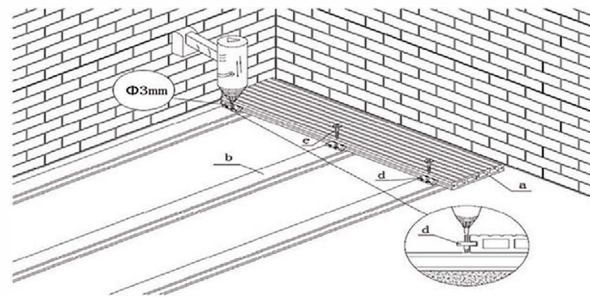
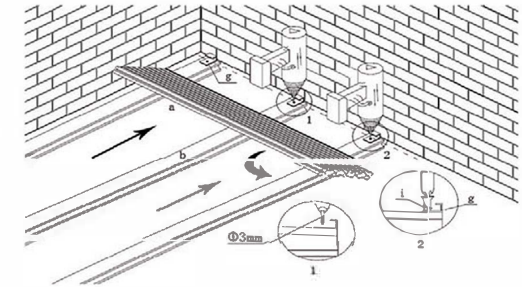
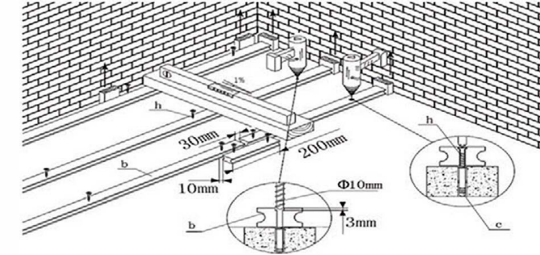
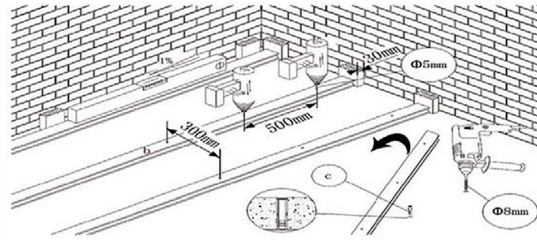
Expansion Screw



Start Clip



SS Screw



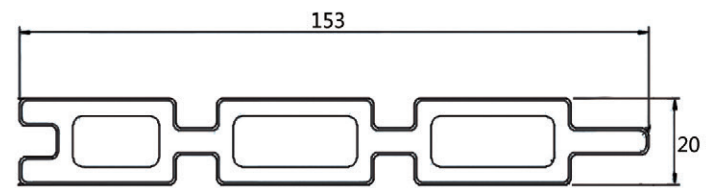
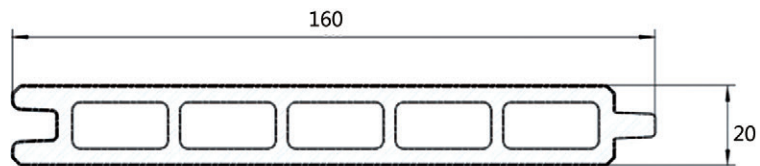
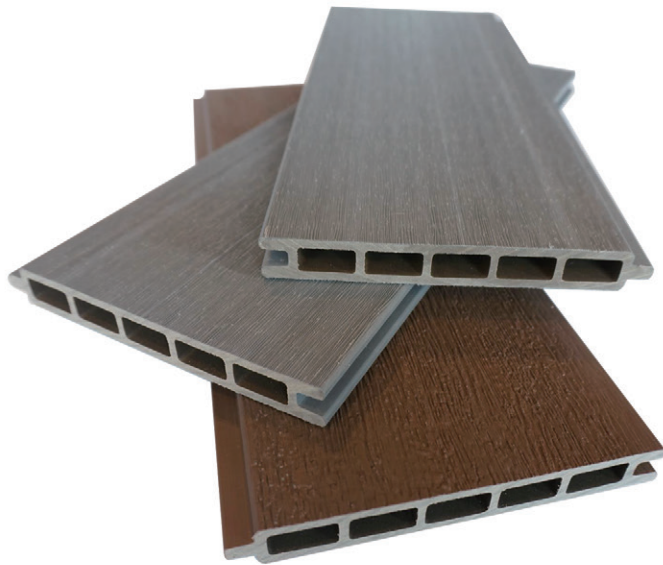
WPC FENCE

Co-Extrusion Fully Enclosed Style



Co-Extrusion Fence Panel

A thin protection layer all over the fence panel makes the board more stain resistant and lower maintenance.



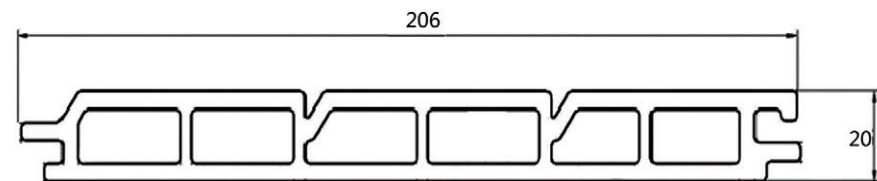
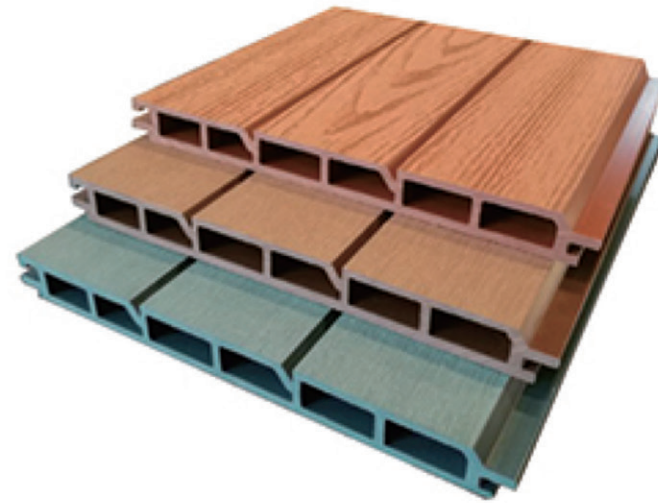
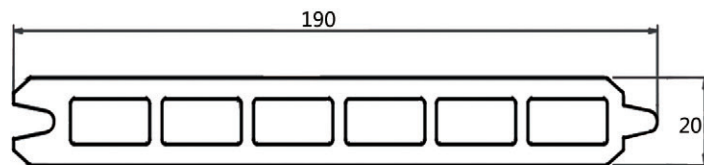
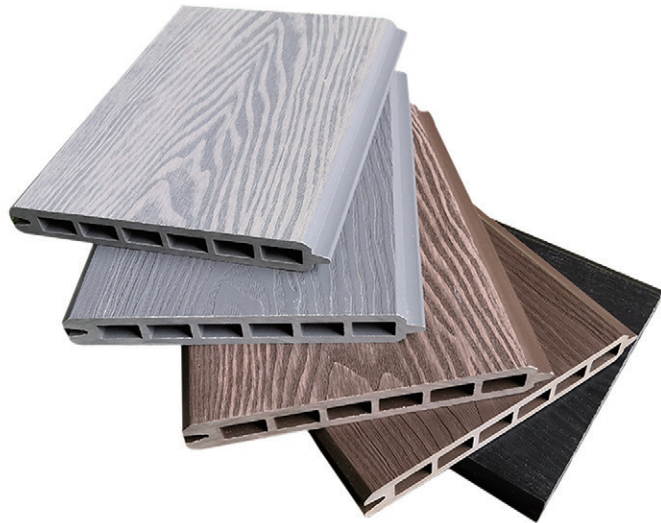
WPC FENCE

3D Embossed Fully Enclosed Style



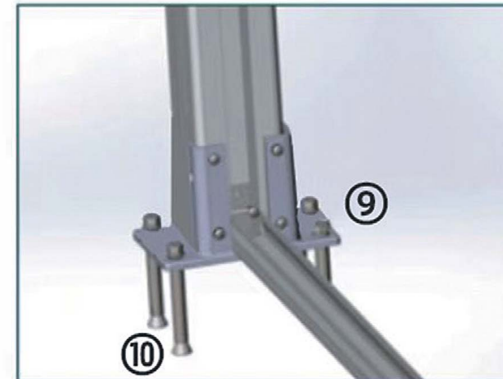
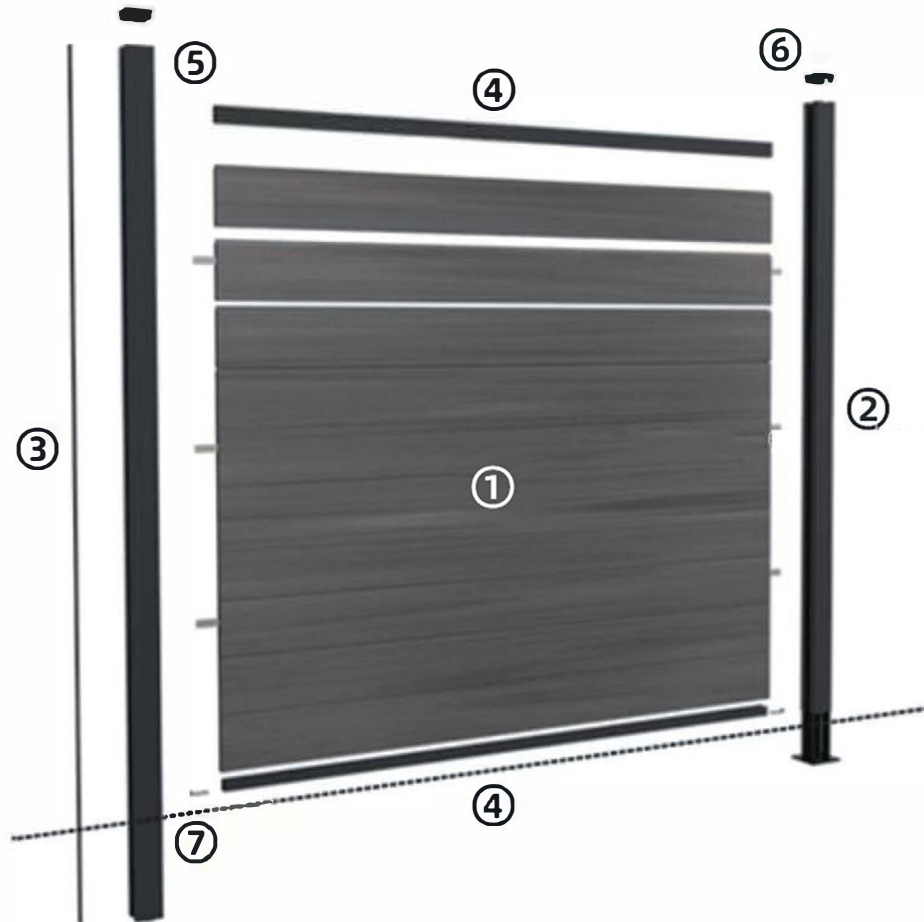
3D Embossed Fence Pannel

3D embossed composite fence panels have a stronger wood feel, are resistant to insect and termite attack, and waterproof.



Fully Enclosed Structure Diagram

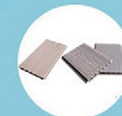
UTOP WPC fence is that combines WPC material fence pannel and aluminum accessories.



Ground
(Tips:500 or 600mm needs to be buried when installation into soil)

Accessories

Low-cost labour installation charge.Simple installation process without professional skills or tools



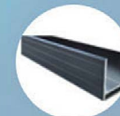
①WPC fence pannel



②Aluminum post



③Aluminum post trim



④Aluminum post trim top&bottom



⑤ Aluminum anchor clip



⑥Post cap



⑦L-clips



⑧Screw



⑨Aluminum post base



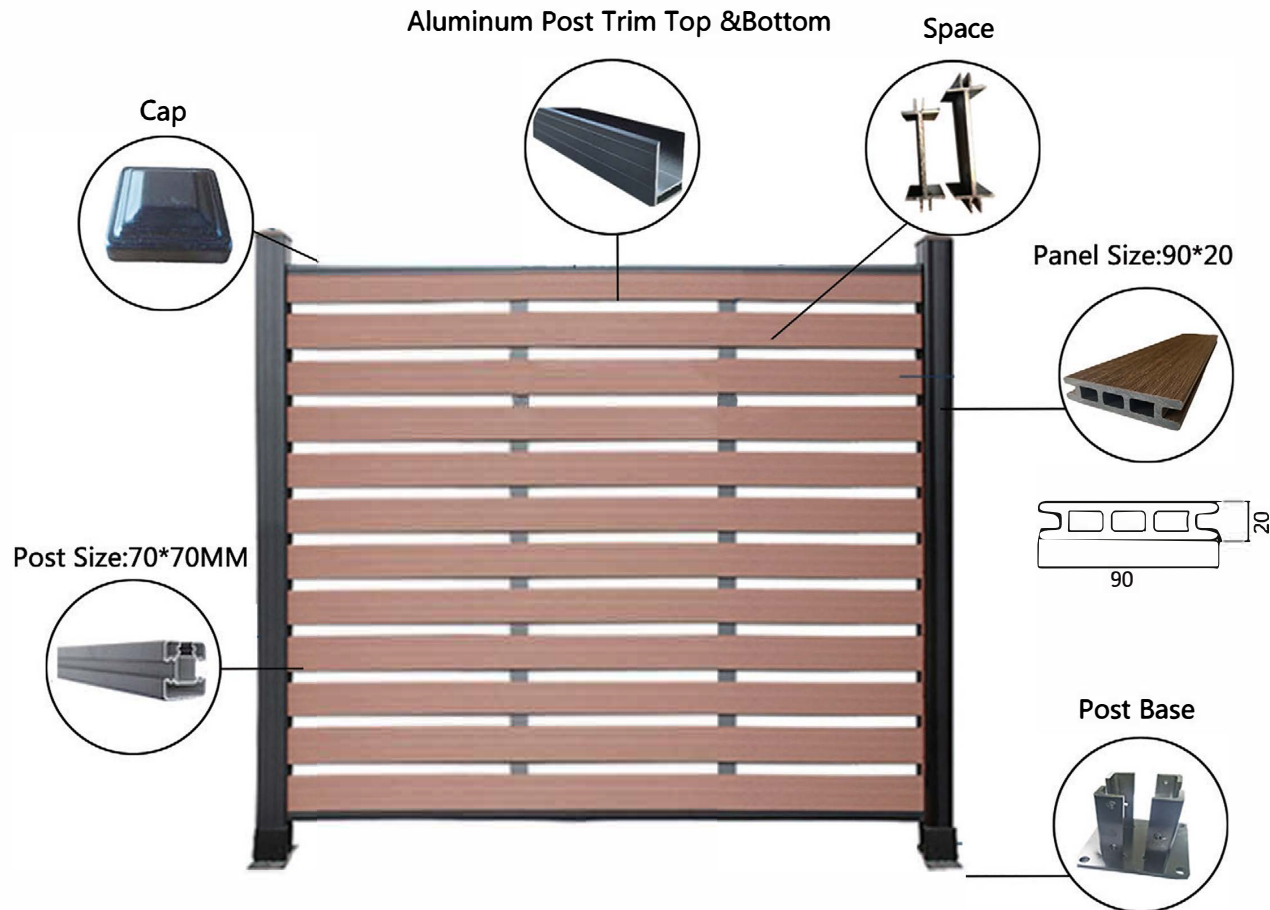
⑩Expansion bolt for fix base

WPC FENCE

Co-extrusion Semi Open Style

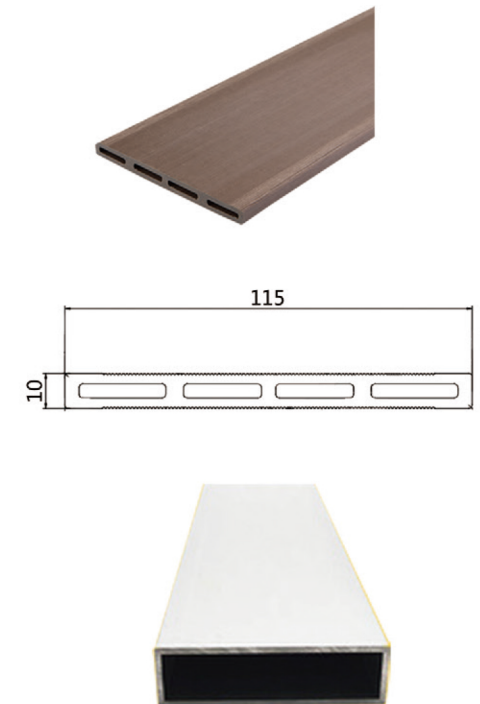


Semi Open Style Structure Diagram



WPC FENCE

Traditional Assembled Fence



The size of the slat board is 115*10mm, with 4 pieces aluminum beams for substructure. Using UTOP fence panel, you can enjoy the ideal outdoor living.

WPC Fence

Outdoor WPC Courtyard Electric Fence Gate



Product parameters:

Style: Sliding Electric Door

WPC pannel profile size: 90*20mm, 160*20mm

Electric Door Specifications: Customized

Material: PE wood plastic board+Galvanized or Aluminum frame


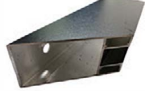



WPC FENCE

Gate

UTOP wpc gate standard size is 1.8M(L)*0.9M(W) ,
Other sizes can be customized.

WPC Gate Structure Diagram



①Alu post 	②Screw for fix post 
③Hinge 	④ Alu gate frame 
⑤ Big corner code 	⑥ Small corner code 
⑦Screw for fix frame 	⑧ WPC pannel 
⑨ Lock 	⑩ Pin 

WPC Railing Co-extrusion



Application: Gardens / Courtyards / Balconies / Corridors etc.

WPC Wall Cladding

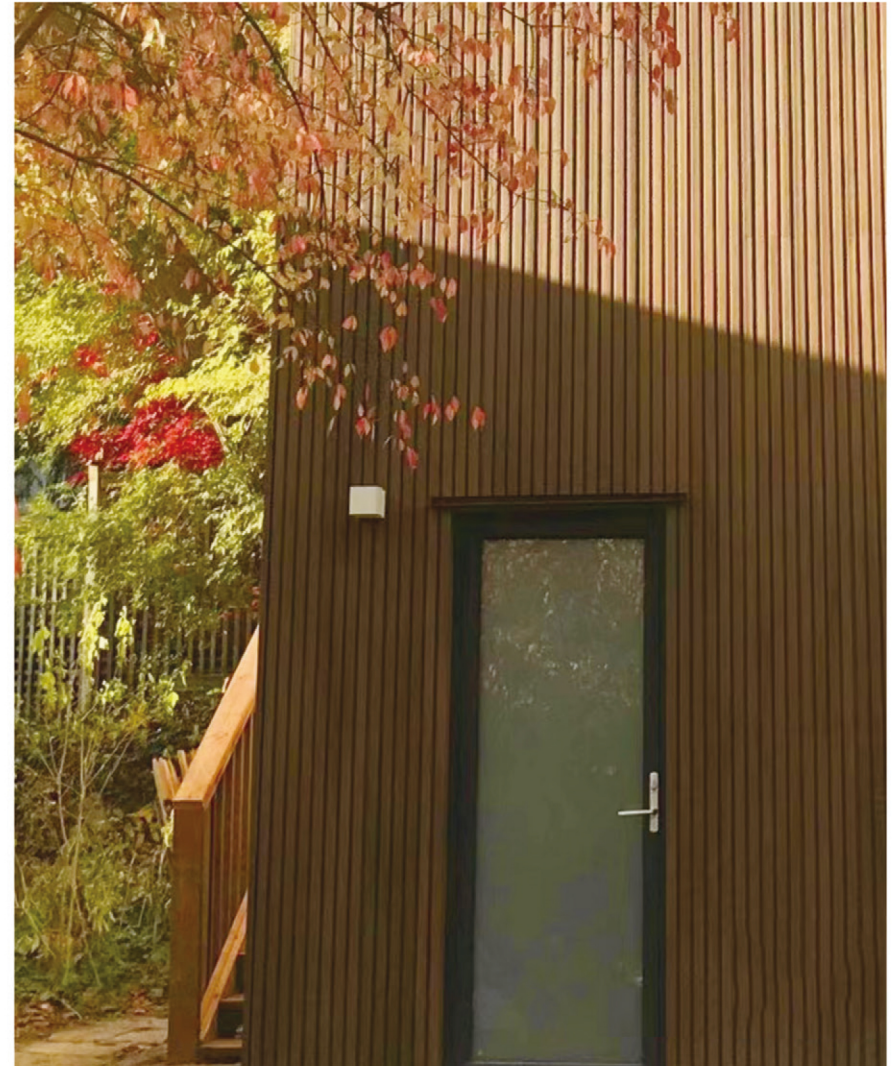
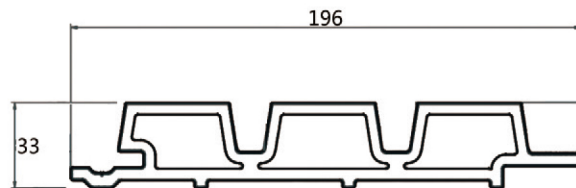
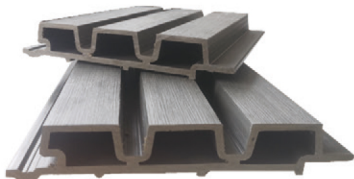
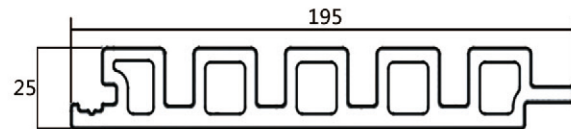
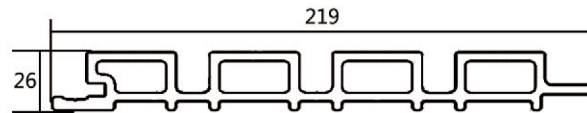
Co extrusion Wall Cladding



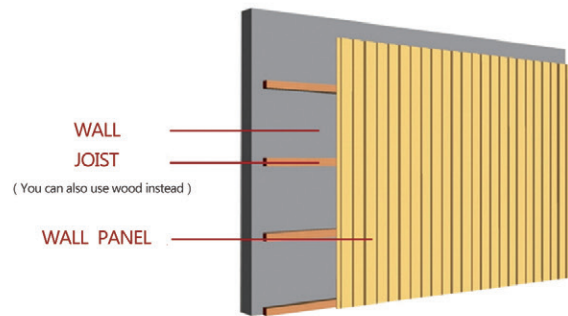
WPC Wall Cladding

Co-extrusion

Most of the wall cladding project lack of 3D appearance because most of the designs are flat. So we developed co-extrusion great wall external wall cladding.



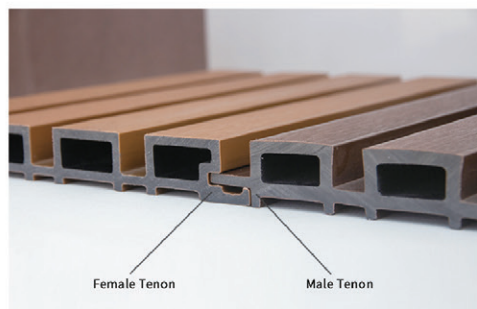
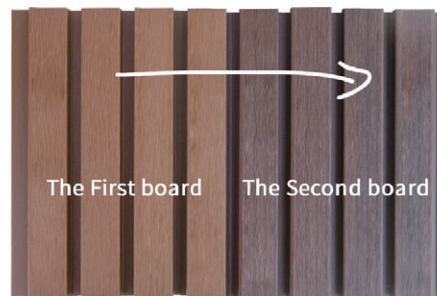
WALL CONSTRUCTION METHOD



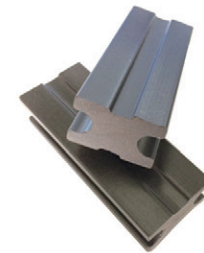
PRECAUTIONS

The joist must be leveled on the wall to install the wall panel, and the distance between the joist should be controlled within 50cm

The wall panels are installed in the order from left to right, first fix the first panel, and then connect in sequence



Accessories



Joist



Corner Cover



Outer Corner Cover



Screw



Start/ End Cover

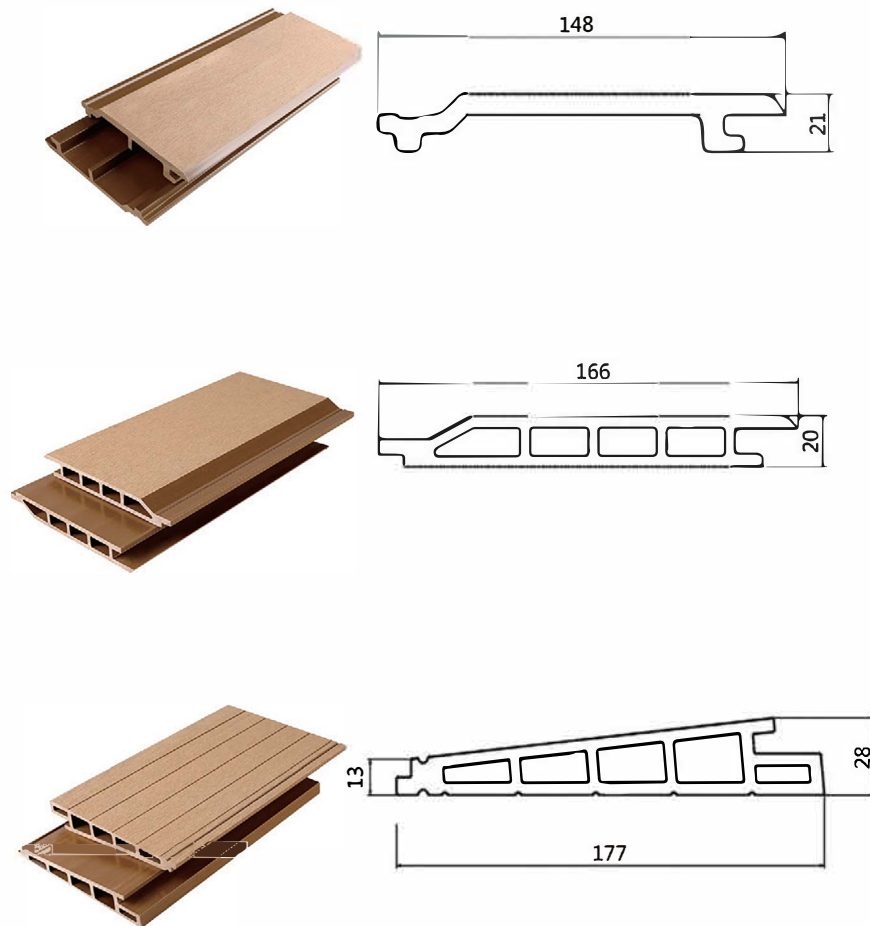


Fixing Clip

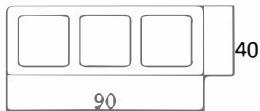
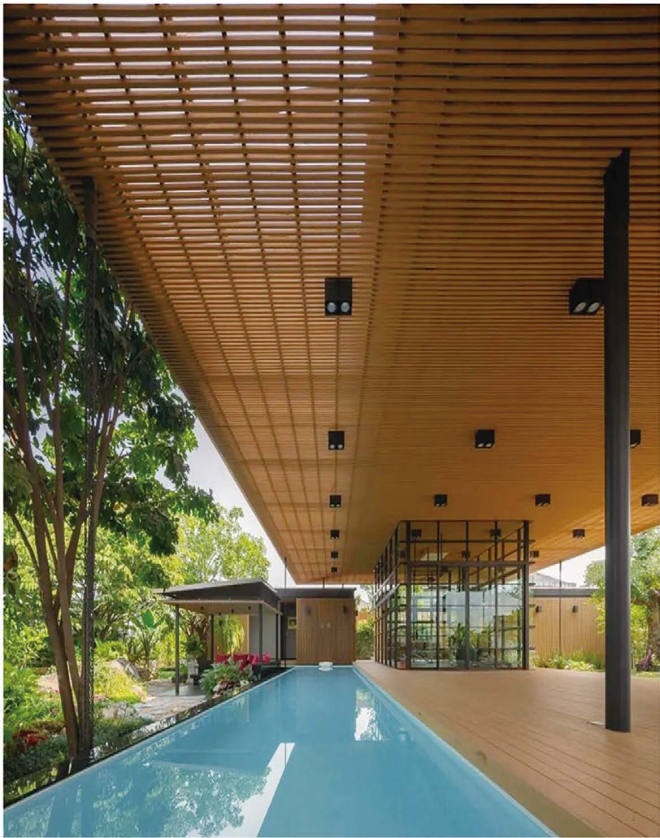
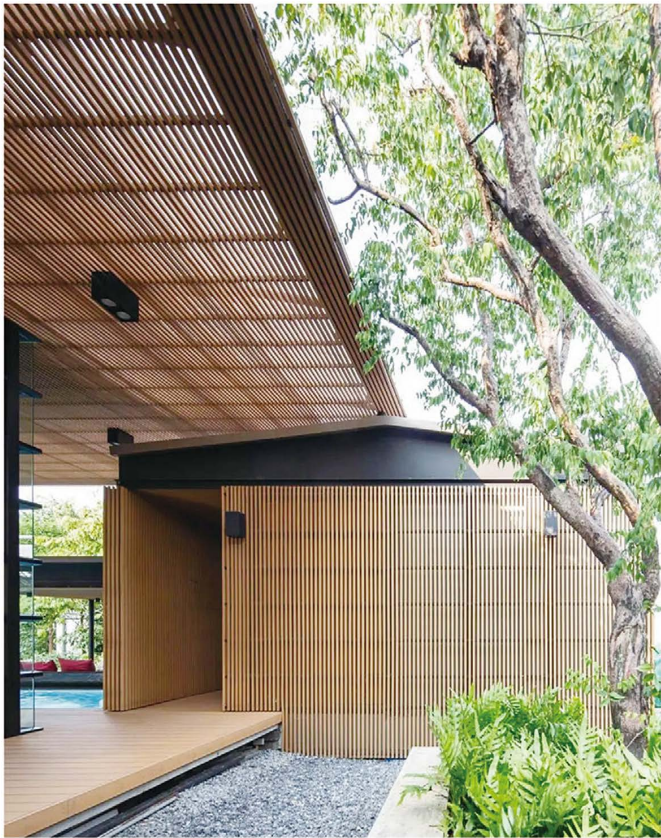
WPC Wall Cladding

Traditional

UTOP WPC wall cladding can protect your wall from weathering and sunlight, giving you a peace of mind.

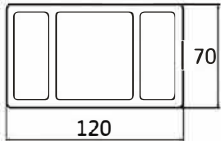


WPC Screen



Traditional

Size: 90*40mm, 100*50mm, 160*80mm, 200*80mm



Co-extrusion

Size: 120*70mm



Accessory

Test Report

Report No. 180528009SHF-BP-4

Test Items, Method and Results :

Test Item: Resistance to artificial weathering - Xenon-arc Lamps

Test Sample: Co-Ex Decking REDWOOD

Test Method: ISO 4892-2:2013 Cycle 1

Exposure cycle:

1) 102 min light at (65±3)°C, Black-standard-temperature, Relative humidity (50±10)%,
Irradiance: 0.51 ± 0.02 W/(m²·nm) at 340 nm.

2) 18 min light and water spray, Irradiance: 0.51 ± 0.02 W/(m²·nm) at 340 nm.

Test Duration: 2000 hours

Test Result:

Exposure time	ΔL*	Δa*	Δb*	ΔE*	Grey scale	Observation
720H	-0.83	0.70	-0.59	1.24	4	Part showed slight color change
1440H	-1.01	0.93	-0.85	1.62	4	Part showed slight color change
1800H	-0.91	0.87	-1.14	1.70	4	Part showed slight color change
2000H	-1.07	0.69	-1.34	1.85	4	Part showed slight color change

Test Report

Report No. 170807011SHF-BP-1

The classification has been carried out in accordance with EN 13501-1.

Fire behaviour	Smoke production			Flaming Droplets		
<i>B</i>	-	<i>s</i>	2	-	<i>d</i>	0

Reaction to fire classification B-s2, d0

Test Report

Report No.XMIN2205004612CM-01

Sample Name : WOOD PLASTIC COMPOSITE DECKING BOARD

Product Specification : 145*22.5mm

Summary of Results:

No.	Test Item	Test Method	Result
1	Anti-Slip Property	DIN EN 16165:2021-12 Annex B	Ramp test value α_{shod} : 13° Slip resistance class: R10
2	Flexural properties	EN 15534-1:2014+A1:2017 Section 7.3.2 & Appendix A	Modulus of Rupture: 28.8MPa Modulus of Elasticity: 3420MPa
3	Abrasion Resistance*	ASTM D4060-19	See results
4	Linear Thermal Expansion Coefficient*	EN 15534-1:2014+A1:2017 Section 9.2 & ISO 11359- 2:2021 Method A	52×10 ⁻⁶ K ⁻¹

Results of 3: Test Item: Abrasion Resistance*

Test Method: ASTM D4060-19

Test Condition:

Wheel: CS-10

Load:250g/wheel (total 500g)

Cycles: 1000

Test Result:

Test Item	Weight loss(mg)	Wear index (mg/1000 cycles)
Abrasion Resistance	11	11



HEBEI UTOP TECHNOLOGIES CO., LTD.

Add: Room 1006, Financial Building, No. 598, Zhongshan East Road, Shijiazhuang, Hebei, China

WhatsApp/WeChat: +86 173 3441 5995

E-mail: utop@bestspcfloor.com

Web: www.utopeco.com