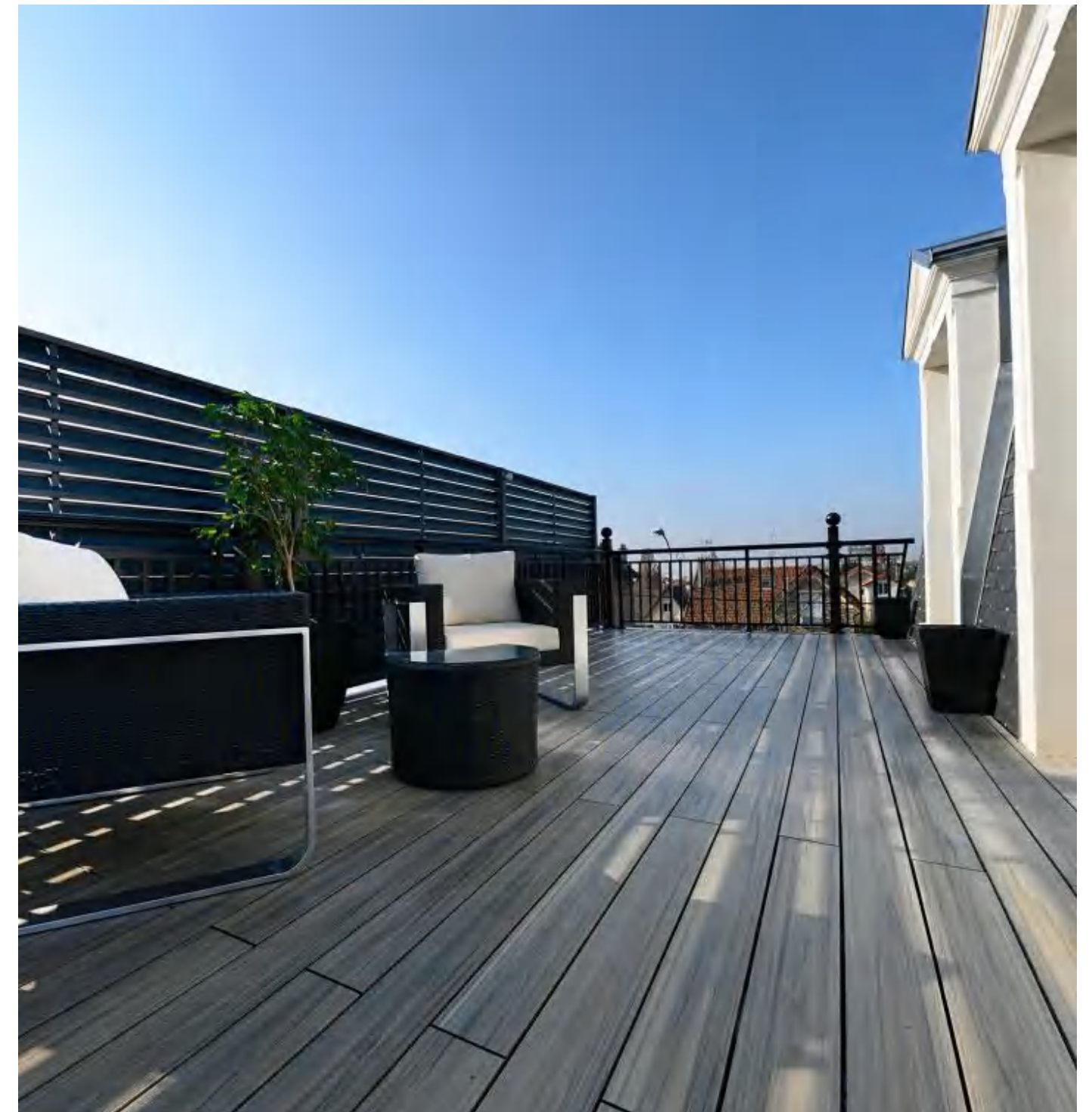


WPC Catalog



Suprotect decking is a new generation of wood plastic composite with high-tech co-extrusion technology. Different from traditional WPC , co-extrusion technology is a process in which a protective layer of polymer and an inner WPC layer are co-extruded at the same time with high temperature. We also call it co-extrusion or capped decking.

The inner layer is made of high-density recycled plastic and wood fiber. The patented polymer plastic is used in the outer coating to enhance the resistance. Plus 3D wood grain and professional color matching, both of the quality and appearance are better than the composite decking.

Suprotect Series

Advantage



High-tech plastic for outer layer 360 degree protection



3D and natural wood texture



Excellent UV resistance



Better anti-scratch and wearing resistance



Stain-proofing and fast cleaning

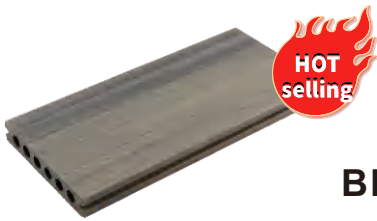


Slip resistance



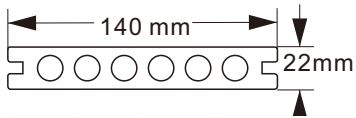
100% eco-friendly

Decking Model



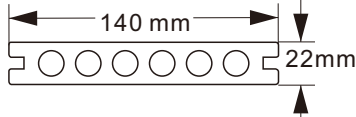
BPS-01

Most hot-sale, popular in both private customers and wholesalers



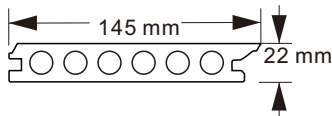
BPS03

Two colors in one piece, color match freely and easily for stock, popular in wholesalers



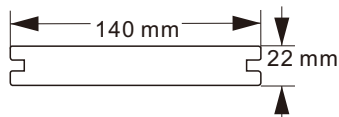
SP-ML04
No gap decking

Unique seamless design, popular in both private customers and wholesalers



SP-OR02

The solid decking model, widely used in public projects



Optional Colors



Antique



Ashwood



Dark Grey



IPE



Walnut



Teak

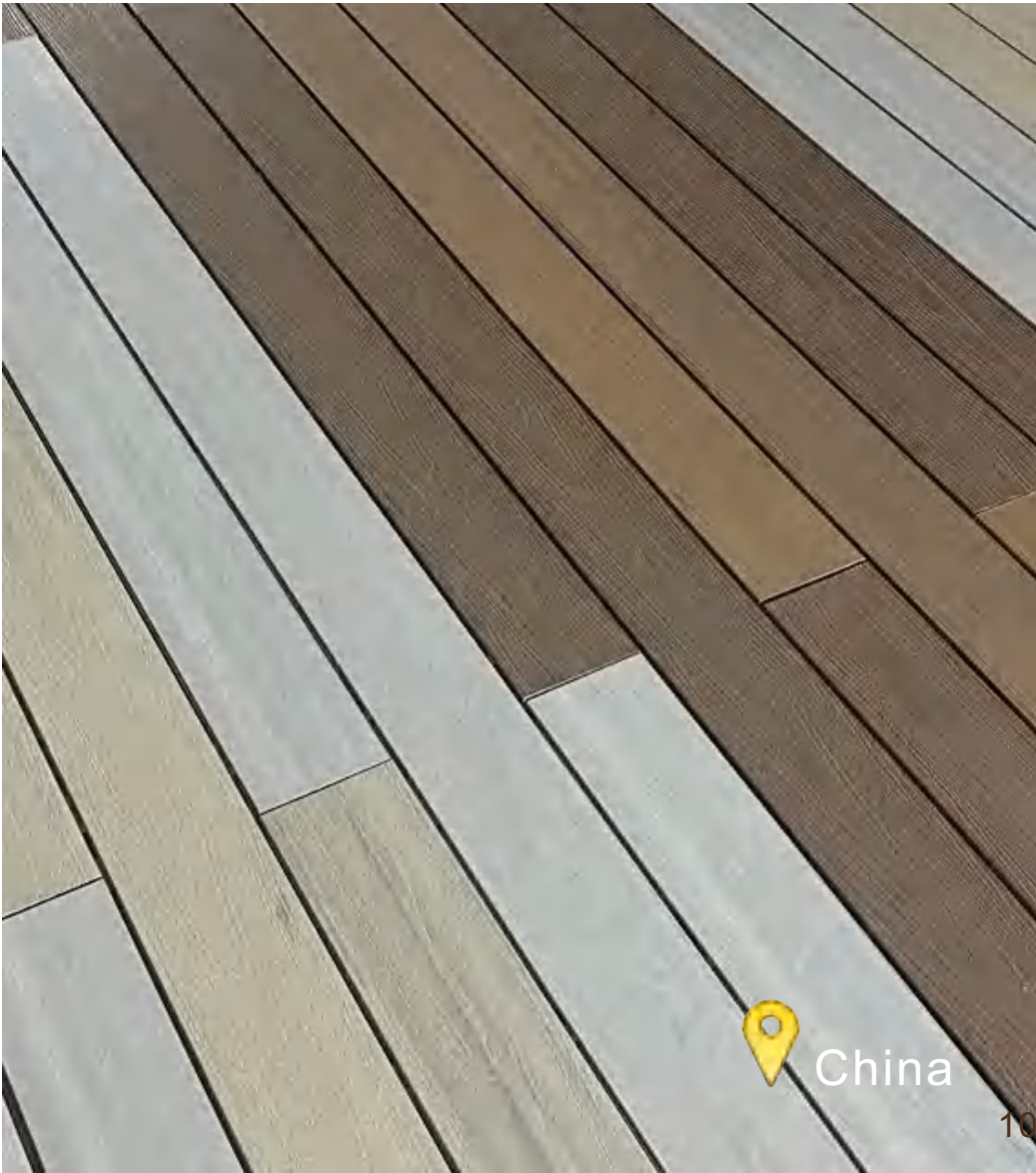
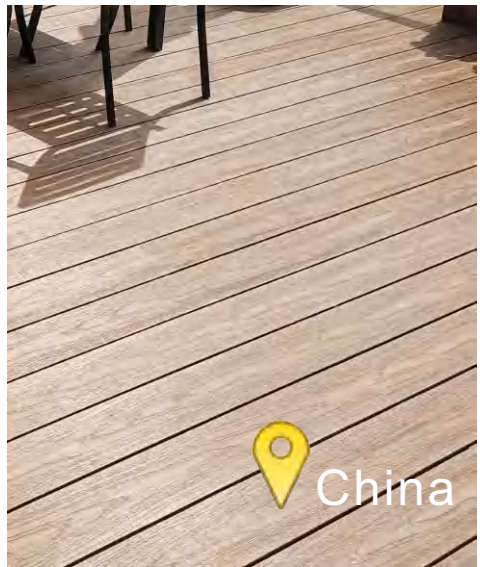
Surface Treatments



Front:3D Wood Grain



Back:Brush



Project Gallery

3D Embossing Decking

New Production Technique

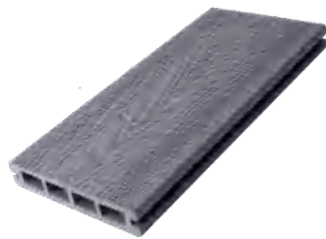
Compared to the traditional WPC products,3D embossing product will have a more natural visual appearance and more realistic wood grain texture. 3D embossing decking doesn't need the extra treatment,it can finish the embossing during the extrusion.

Long-termed Durability

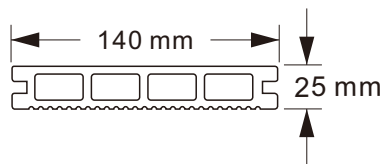
The 3D embossing wood grain is much deeper than normal embossing and it can keep long-lasting texture against abrasion during the applications



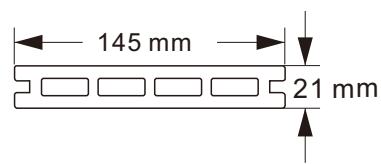
3D Embossing Decking Model



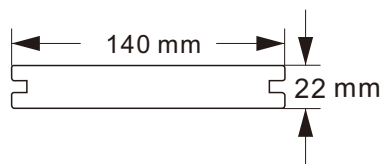
BPZ-01



Z-SB03



Z-OR02



Optional Colors



Dark Chocolate



Hickory



Teak



Red wood



Dark Grey



Slate Grey

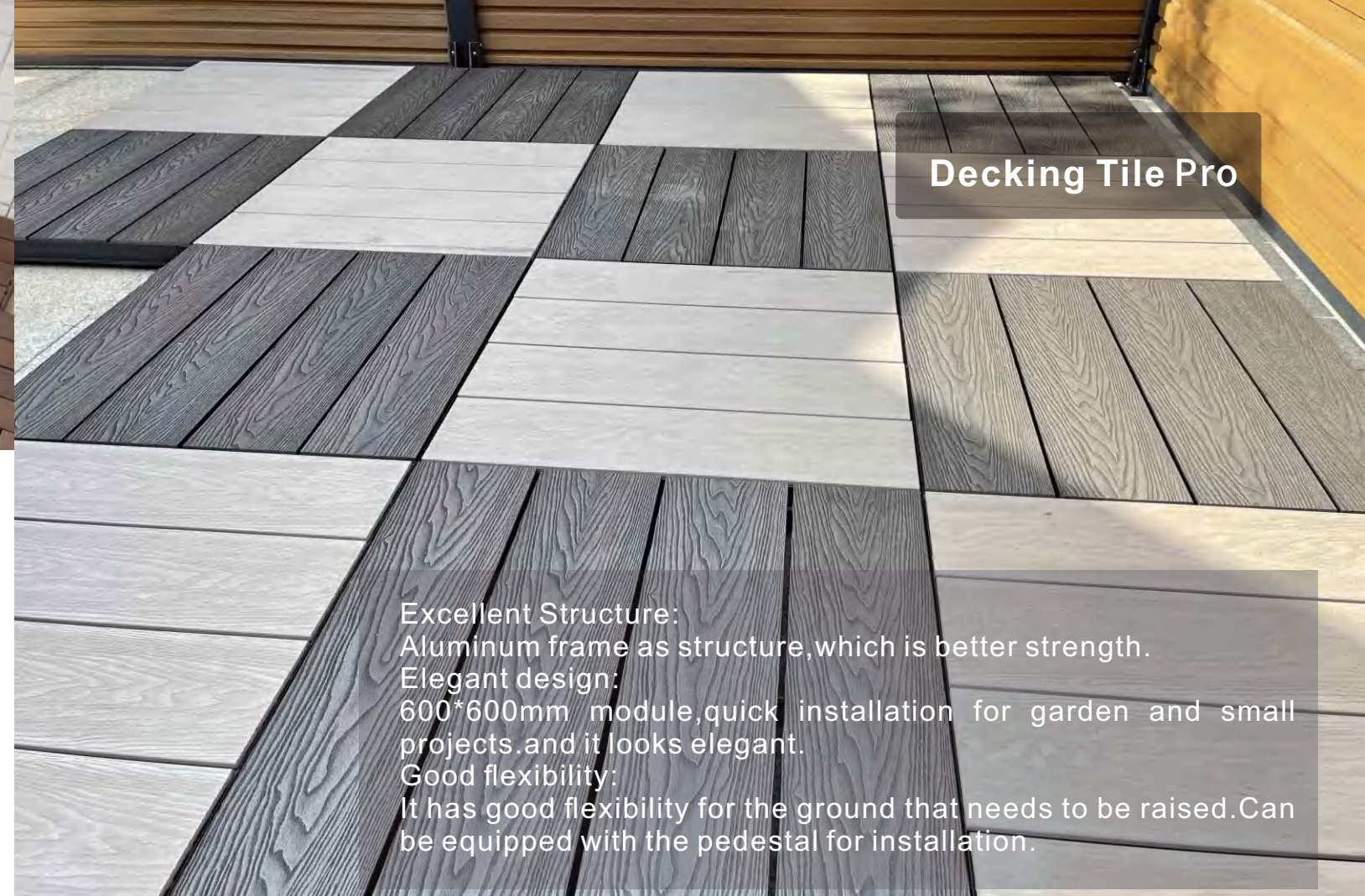
Surface Treatments



Front:3D Embossing Grain



Suprotect Decking Tile



Decking Tile Pro

Excellent Structure:
Aluminum frame as structure, which is better strength.
Elegant design:
600*600mm module, quick installation for garden and small projects and it looks elegant.
Good flexibility:
It has good flexibility for the ground that needs to be raised. Can be equipped with the pedestal for installation.



300x300mm

- Advanced co-extrusion Technique
- Easy installation and disassembling
- DIY according to your home design
- Matching color for decking boards and plastic base
- Baby playground-no harmful elements to your beloved

Optional Colors



Teak



Coffee

Surface Treatments



3D Wood Grain



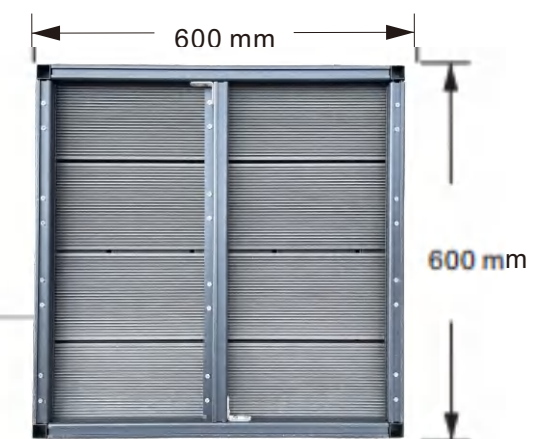
Back



Front Side: 3D Wood Grain

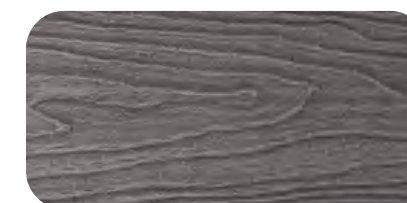
WPC board

Aluminum frame



Back Side

Color Options



Hickory



Slate Grey



Composite Decking Series

Composite decking is a new flooring material,a combination of wood fiber, HDPE and different additives. It can not only give the feeling and appearance of wood, but also can solve many problems of wood, like rotting, mildew, cracking, etc. With rapid development of WPC industry, WPC decking has gradually taken the place of wood flooring, and become the mainstream of outdoor decking.



Composite Decking

Advantage



100% recyclable and eco-friendly, saving forest.



Water resistance and mildew proofing



Excellent UV resistance



Formaldehyde emission: E0(the highest standard)



Weather resistant from -30°C to 70°C



Termite resistance



DIY and easy installation



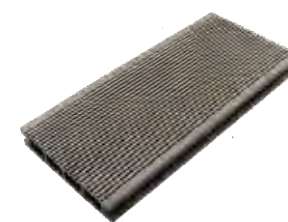
No paint or glue needed.



Composite Decking



Decking Model



BPW-01



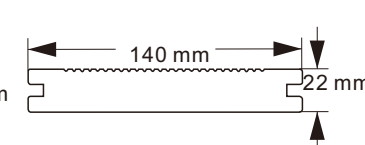
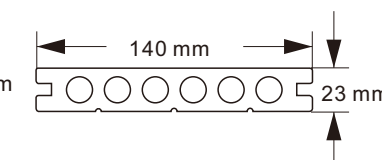
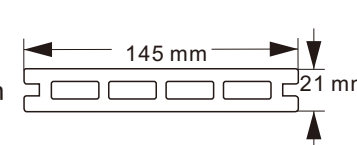
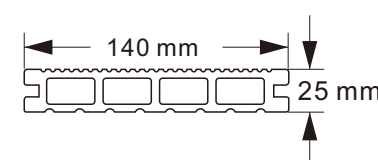
SB03



ML02



OR02



Optional Colors



Dark Grey



Dark
Chocolate



Dark
Coffee



Coffee

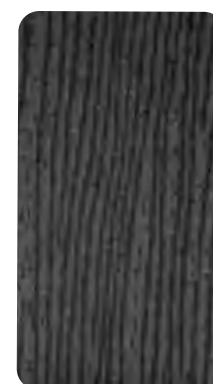


Mahogany



Teak

Surface Treatments



Wg1



Wg2



Sanding



Brush

Decking Installation Guide

Installation Material



WPC decking panel

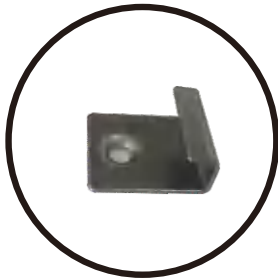
Installation Fittings



Clip



Screws



Side clip



Patented Clip - Easy installation and more stable decking system



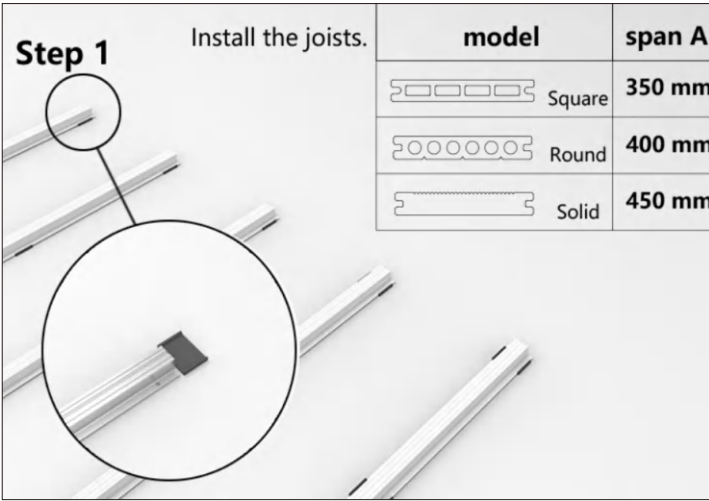
Decking Joist AL02 65X25


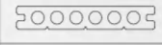
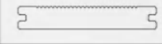


Installation Steps

Step 1

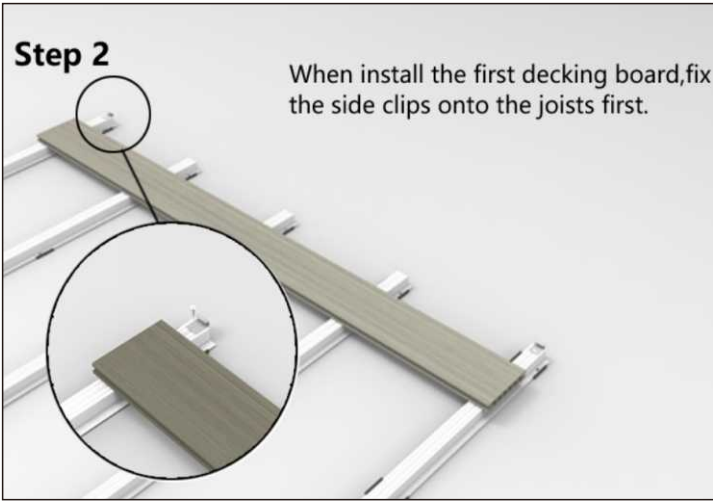
Install the joists.



model	span A
 Square	350 mm
 Round	400 mm
 Solid	450 mm

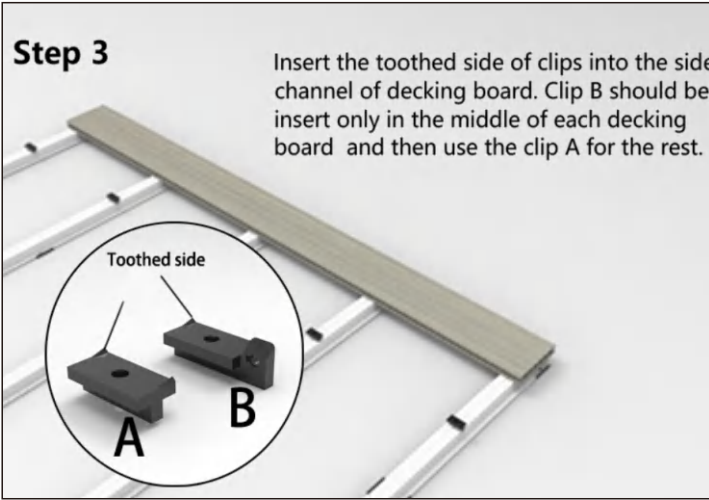
Step 2

When install the first decking board, fix the side clips onto the joists first.



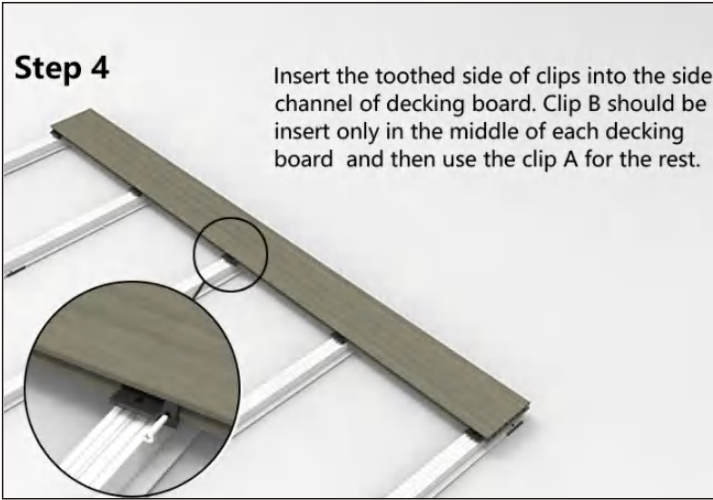
Step 3

Insert the toothed side of clips into the side channel of decking board. Clip B should be insert only in the middle of each decking board and then use the clip A for the rest.



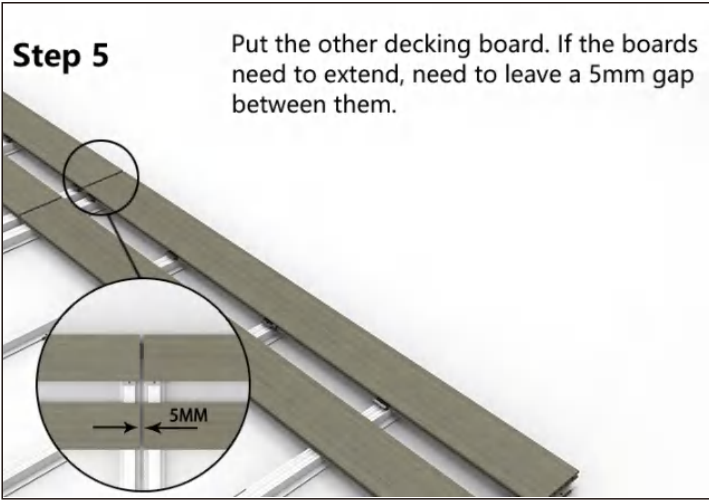
Step 4

Insert the toothed side of clips into the side channel of decking board. Clip B should be insert only in the middle of each decking board and then use the clip A for the rest.



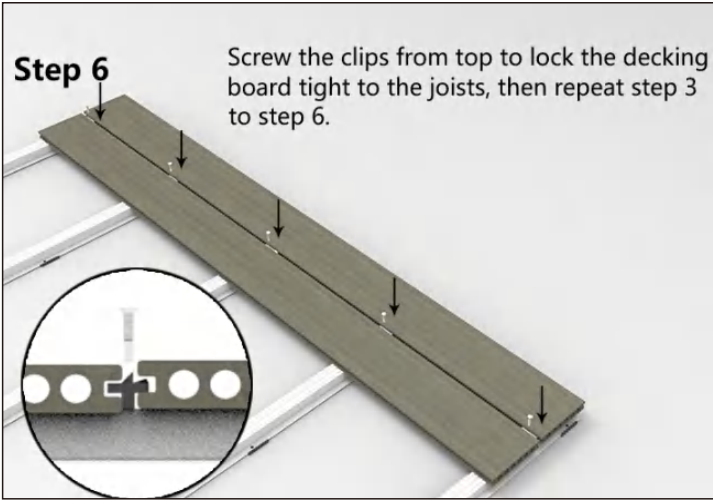
Step 5

Put the other decking board. If the boards need to extend, need to leave a 5mm gap between them.



Step 6

Screw the clips from top to lock the decking board tight to the joists, then repeat step 3 to step 6.



Base Adjustable Pedestal System

Base Adjustable Pedestal System is an innovative design, mainly used to solve the problems of installing decking on uneven ground, and raising the whole decking system. It's widely used in swimming pools, gardens, rooftop, etc.

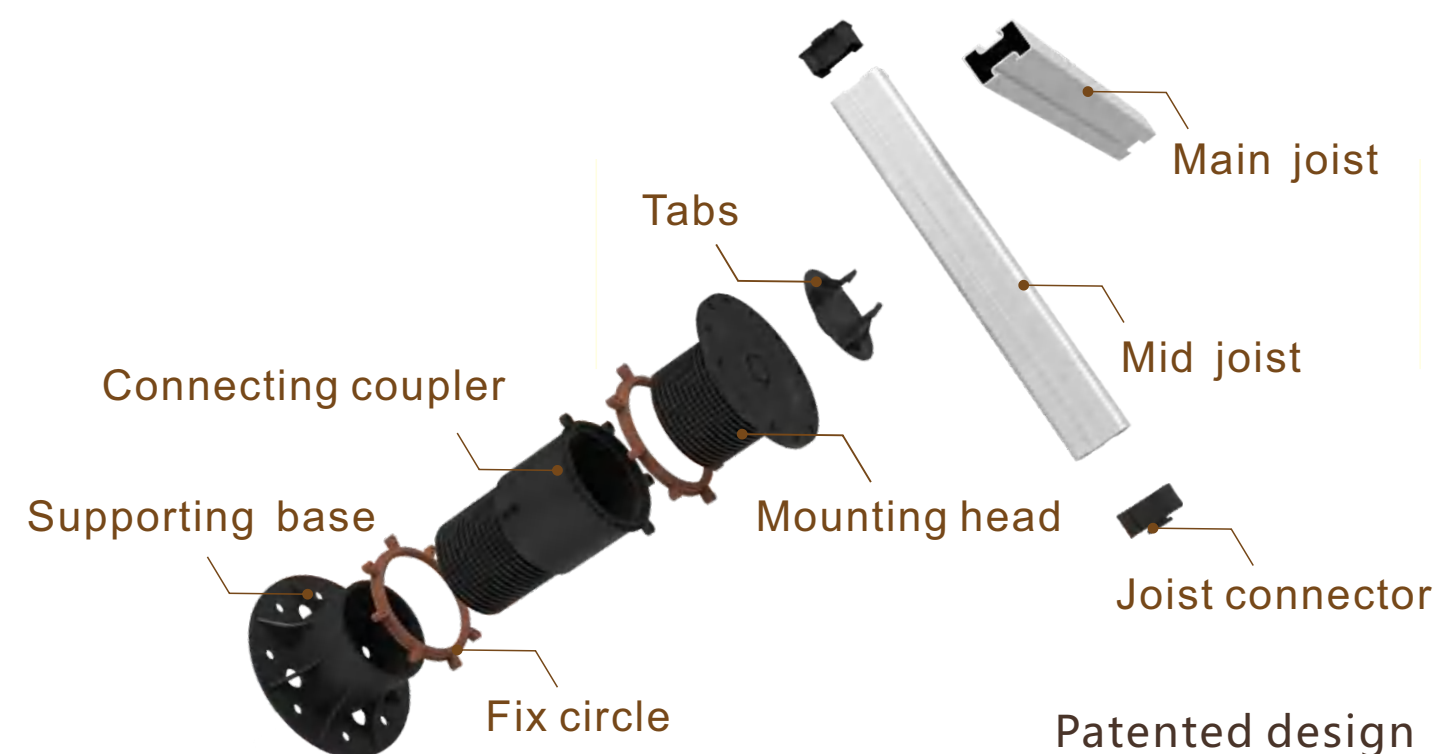
Base system has been receiving constant praise since its launch in 2016.

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
- Patented design

Easy Installation
Smart Design

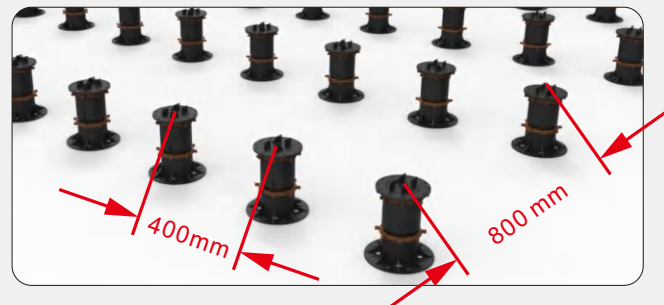
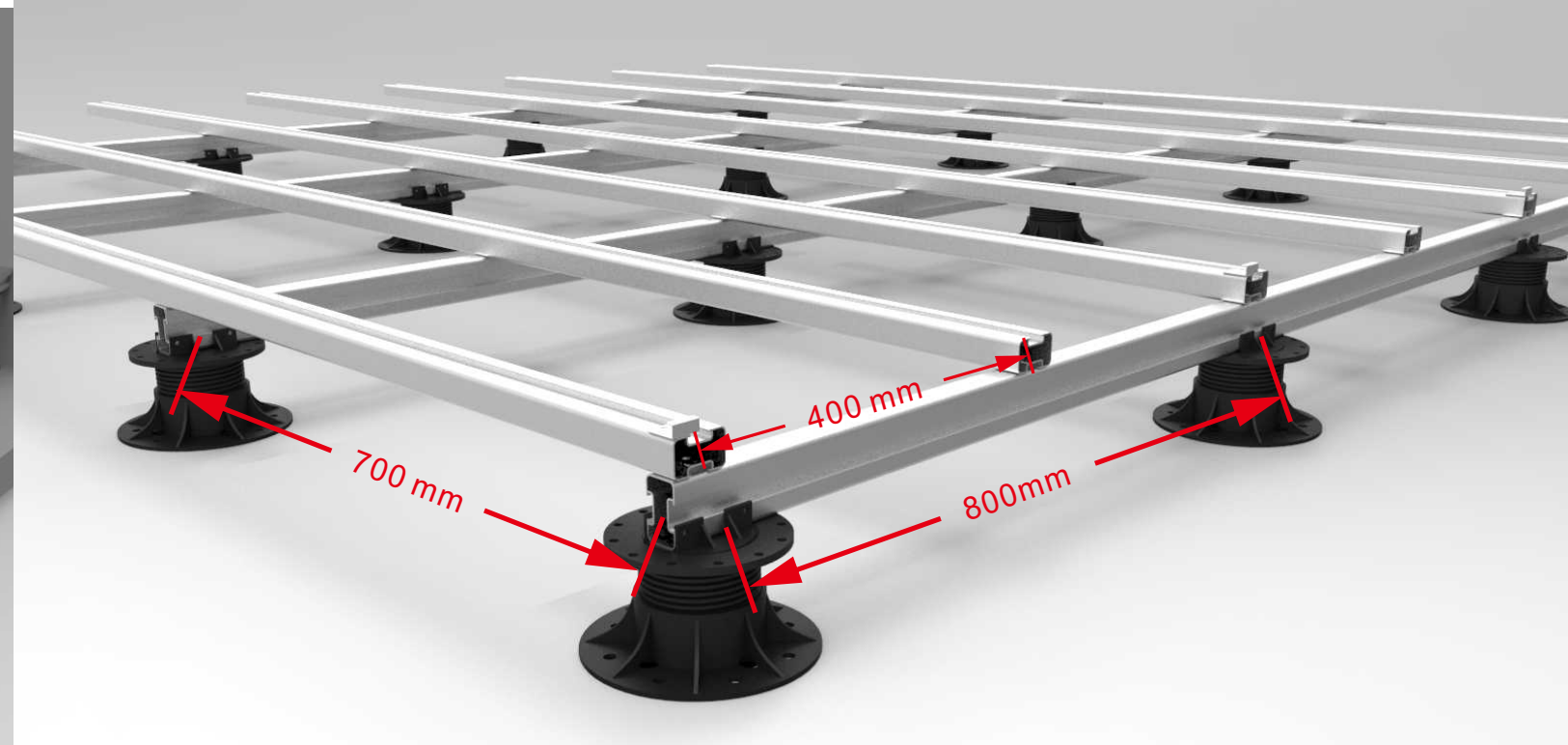
Adjustable Pedestal



Patented design



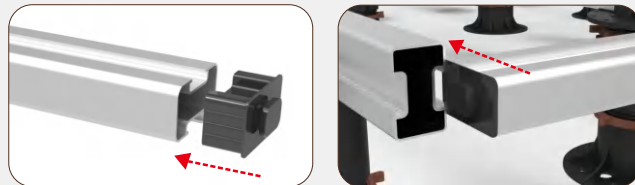
DIY Aluminum Joist System



1. Adjust the the height of the pedestal for actual application, then place them at site according to the reasonable span.



2. Snap the aluminum joists into the pedestal tabs. This smart design can save a lot of time without using screws to lock the joist tight.



3. Insert the joist connector into the two ends of joists. Slide the joist through the gap to the right position. Rotate 90 degree to build the frame structure tight.




















































4. The last step is to fix the deck boards onto the joists frame structure according to the installation guide. Because of no screws application and the rotation method to build the frame, less labor cost and time is required by using our design.

The Enhanced Aluminum Joist System

- Stable double structure prevents it from changing and moving.
- The aluminum structure is fixed by screws.
- Antioxidant , no rusty or corrosive.



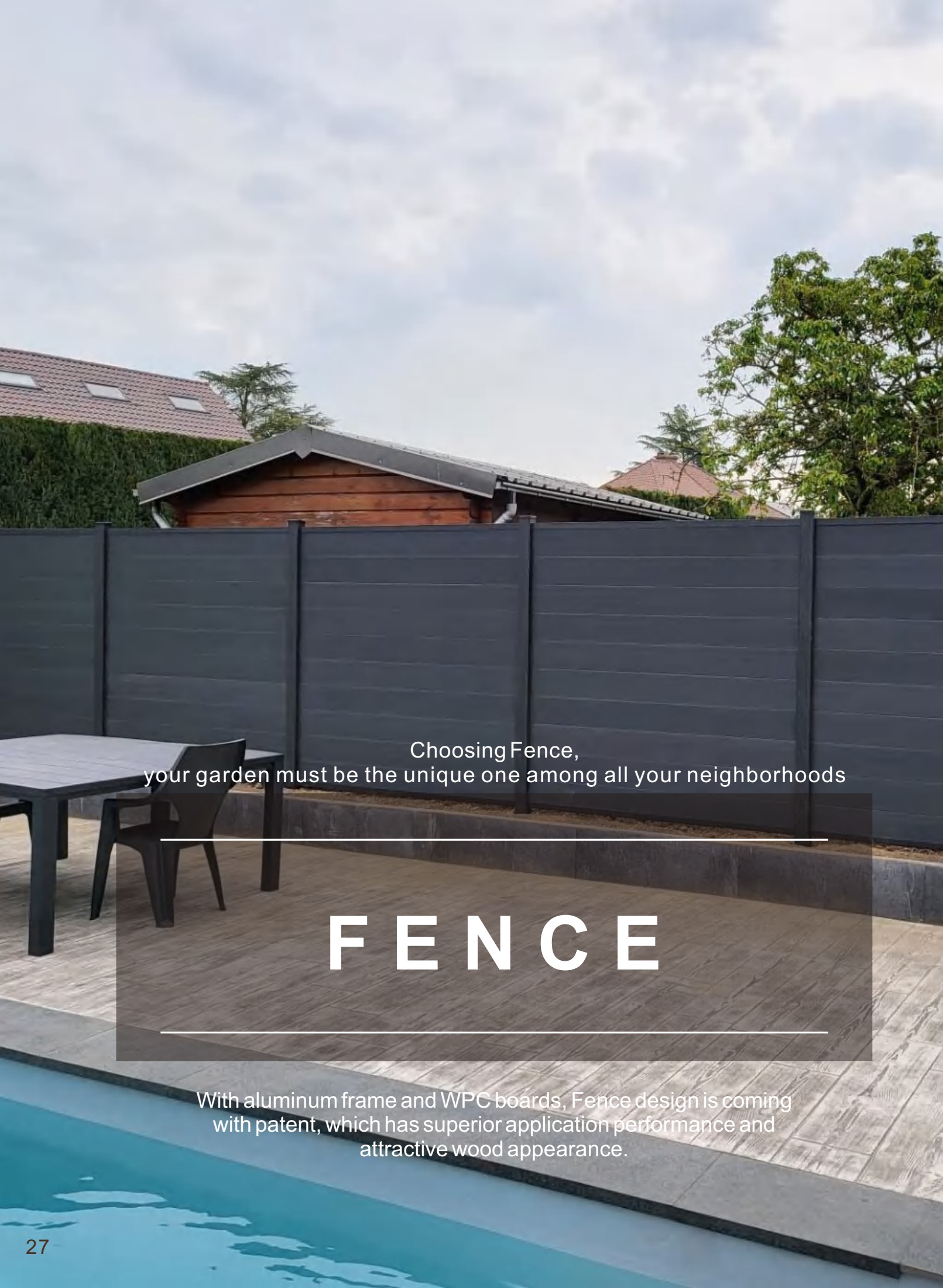
Pedestal Specification

MPD 01	26-40MM				
MPD 02	39-65MM		+		= 
MPD 03	60-87MM		+		= 
MPD 04	83-133MM		+		+  = 
MPD 05	128-178MM		+		+  = 
MPD-B	160-260MM		+		+  = 
MPD-C	190-320MM		+		+  = 
MPD-E	270-380MM		+	 ×2	+  +  = 
MPD-G	355-460MM		+	 ×2	+  +  = 
MPD-I	380-550MM		+	 ×3	+  ×2 +  = 
MPD-J	450-610MM		+	 ×3	+  ×2 +  = 
MPD-L	500-740MM		+	 ×4	+  ×3 +  = 
MBS 01	Slope Corrector 0-5°				



Project Gallery





Choosing Fence,
your garden must be the unique one among all your neighborhoods

FENCE

With aluminum frame and WPC boards, Fence design is coming with patent, which has superior application performance and attractive wood appearance.

Product Features

Durable for Outdoor Application-Stable and anti-UV in any temperatures.

Easy Installation-Just few screws for the fence installation. The smart design makes the fence DIY become possible.

Eco-friendly - MecoFence is made of recyclable materials. It doesn't contain harmful elements or heavy metals.

Confident Warranty- MecoFence offers 10 years warranty

Patented Designs - Unique fencing system and pass wind resistance test.



Patents and test reports

Wind Resistance Test

intertek
Intertek.com
Test Report

Issue Date: 2018/3/9 Intertek Report No.: 180206062GZU-003

Test Items, Method and Results:			
No.	Test Item	Test Parameter	Test Result
1	Wind resistance test	Test method: Client's requirements Requirements: The fencing system shall resist a maximum horizontal quarter point load of 372,1 N/m ² x effective area of system (as 9 Beaufort scale or 9 wind level)	There was no failure, nor any evidence of disengagement of any component, nor visible cracks in any component

Issue Date:

2018/3/9

Intertek Report No. 180206062GZU-003

Test Items, Method and Results:

No.	Test Item	Test Parameter	Test Result	Verdict
1	Wind resistance test	Test method: Client's requirements Requirements: The fencing system shall resist a maximum horizontal quarter point load of 372,1 N/m ² x effective area of system (as 9 Beaufort scale or 9 wind level)	There was no failure, nor any evidence of disengagement of any component, nor visible cracks in any component	Pass

Page 1 of 1

Patent of WPC Fence



SGS Test Report

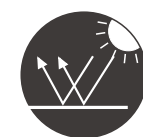


High-Technology Certificate for WPC Fence

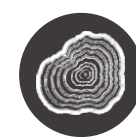




Suprotect Fence



Excellent UV resistance



Insect resistance - anti termite

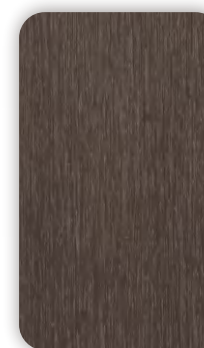


Easy cleaning and low maintenance. water-proof and oil-proof



100% Eco & recyclable material

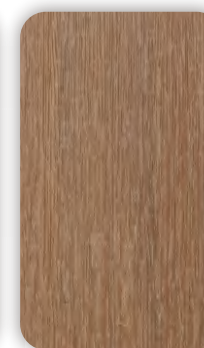
Fence Panel Colors



IPE



Walnut



Teak



Antique



Ashwood



Dark Grey

Privacy Fence

Fence Standard Size: W1800*H1800mm
W1800*H1150mm
W1800*H1500mm



S-CF01
180×24mm

Mid-Trellis Fence



S-CF01
180×24mm



S-CF02
90×24mm



SPACER

Full-Trellis Fence

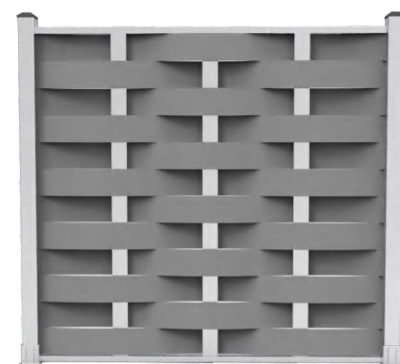


S-CF02
90×24mm

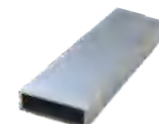


SPACER

Woven Fence

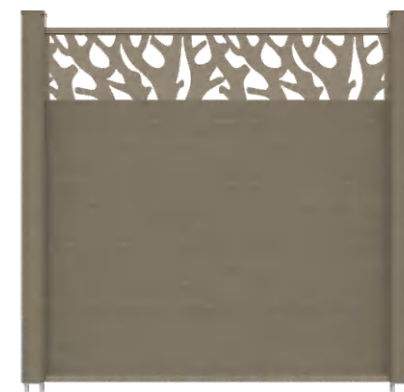


S-MF04
140×11mm



Vertical Alu Tube
76×25mm

Carving Fence A



DCF01
180×24mm



S-CF02
90×24mm

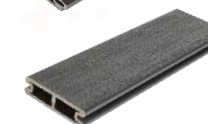
Can be customized



Carving Fence B



S-CF01
180×24mm



S-CF02
90×24mm

Can be customized



Fence Panel Colors



Teak



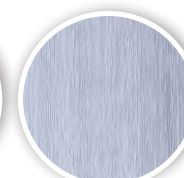
Walnut



IPE



Antique



Ashwood

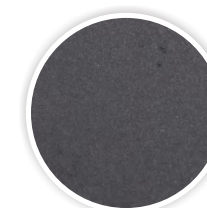


Dark Grey

Aluminum Frame Colors

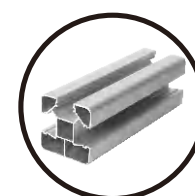


Aluminum

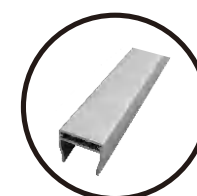


Black

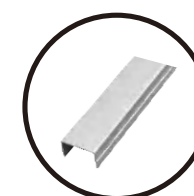
Accessories



POST



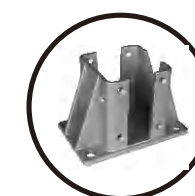
RAIL



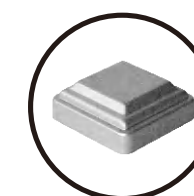
SIDE
COVER



BRACKET
FOR RAIL



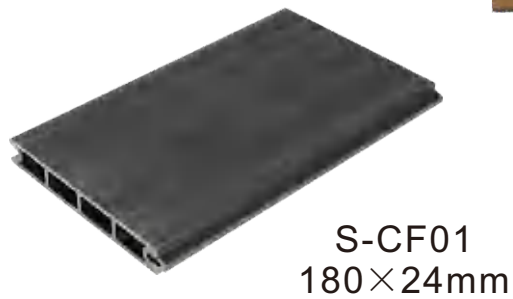
POST
BASE



POST CAP

Super Kit Fence

Fence Standard Size: W1800*H1800mm
W1800*H1150mm
W1800*H1500mm



Color selection



Teak



Antique



Dark Grey

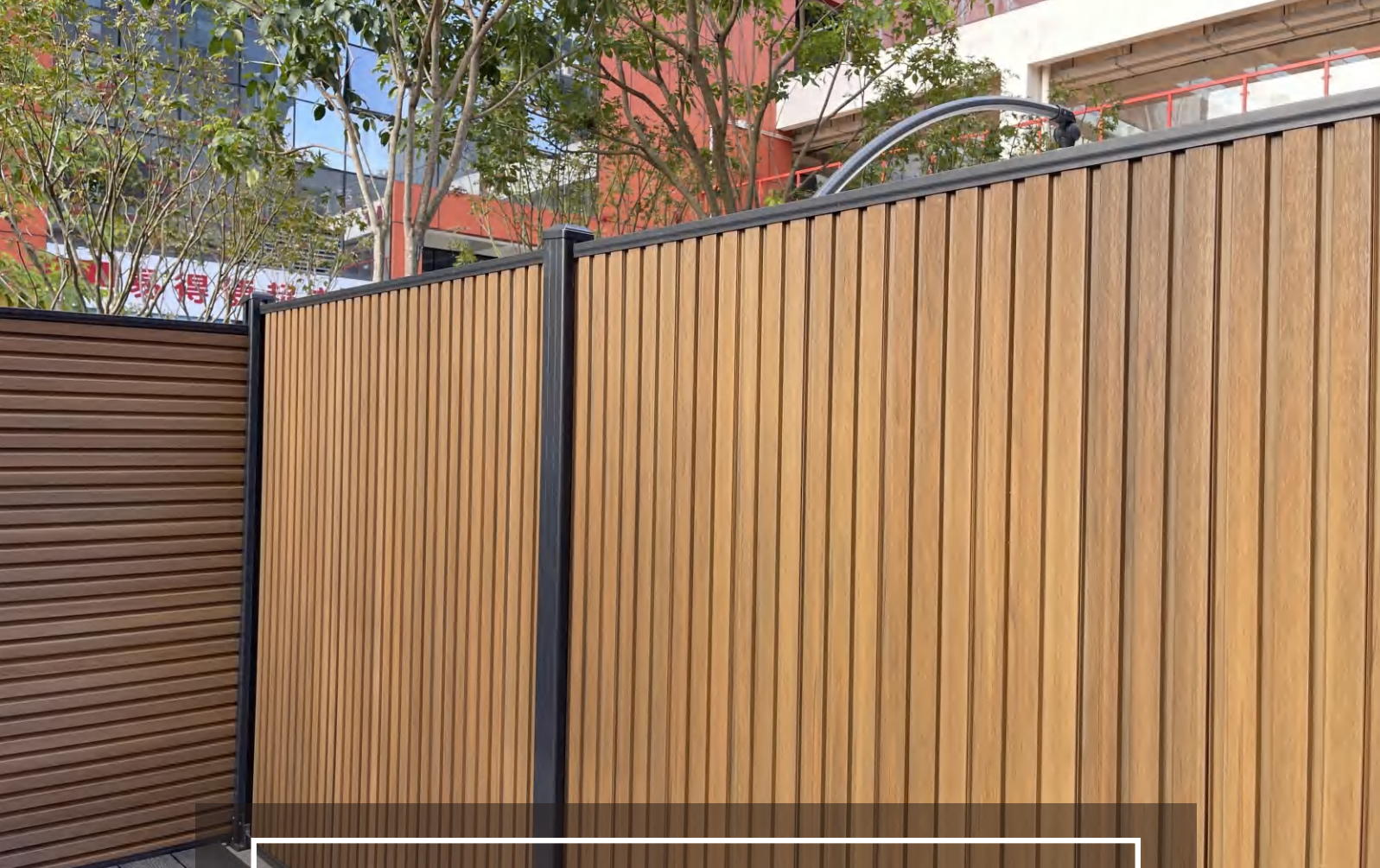


HDPE layer
1. Mildew resistance
2. Termite resistance

Co-extrusion surface layer
1. Better water-proof
2. Anti-UV
3. Stain resistance

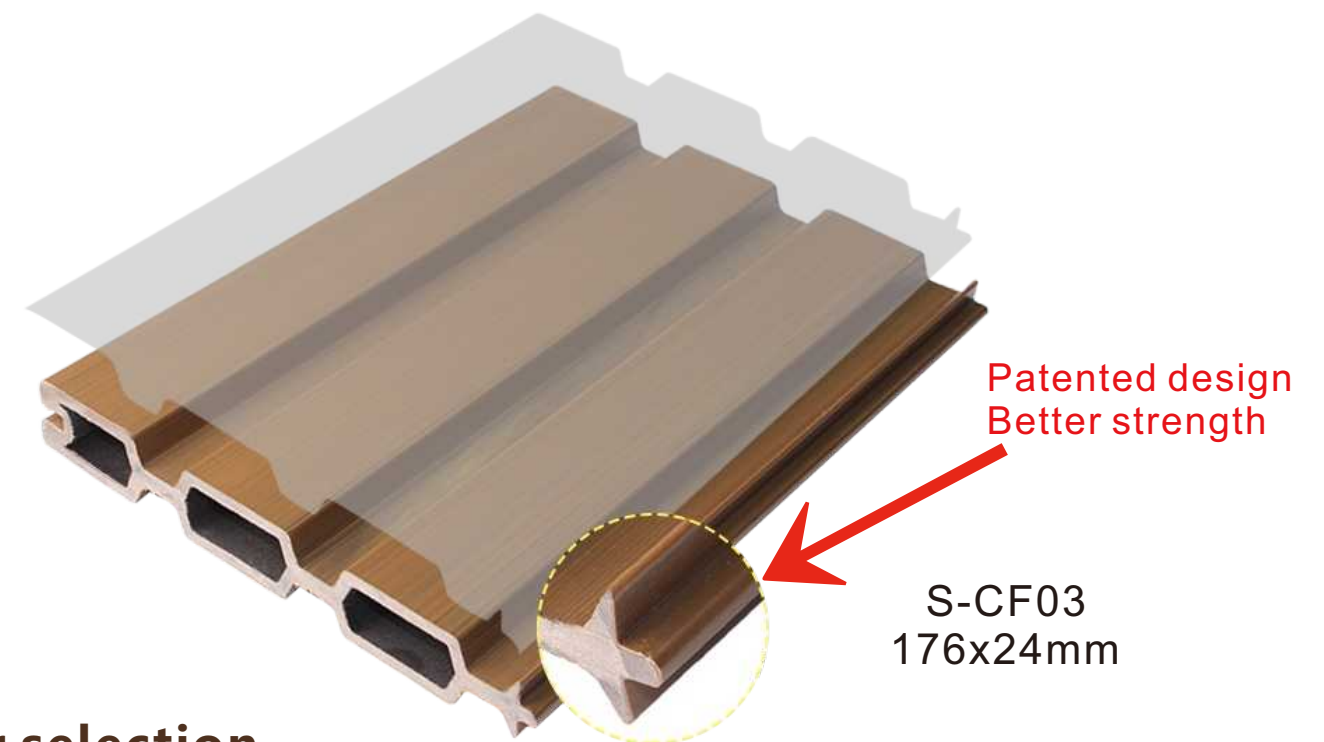
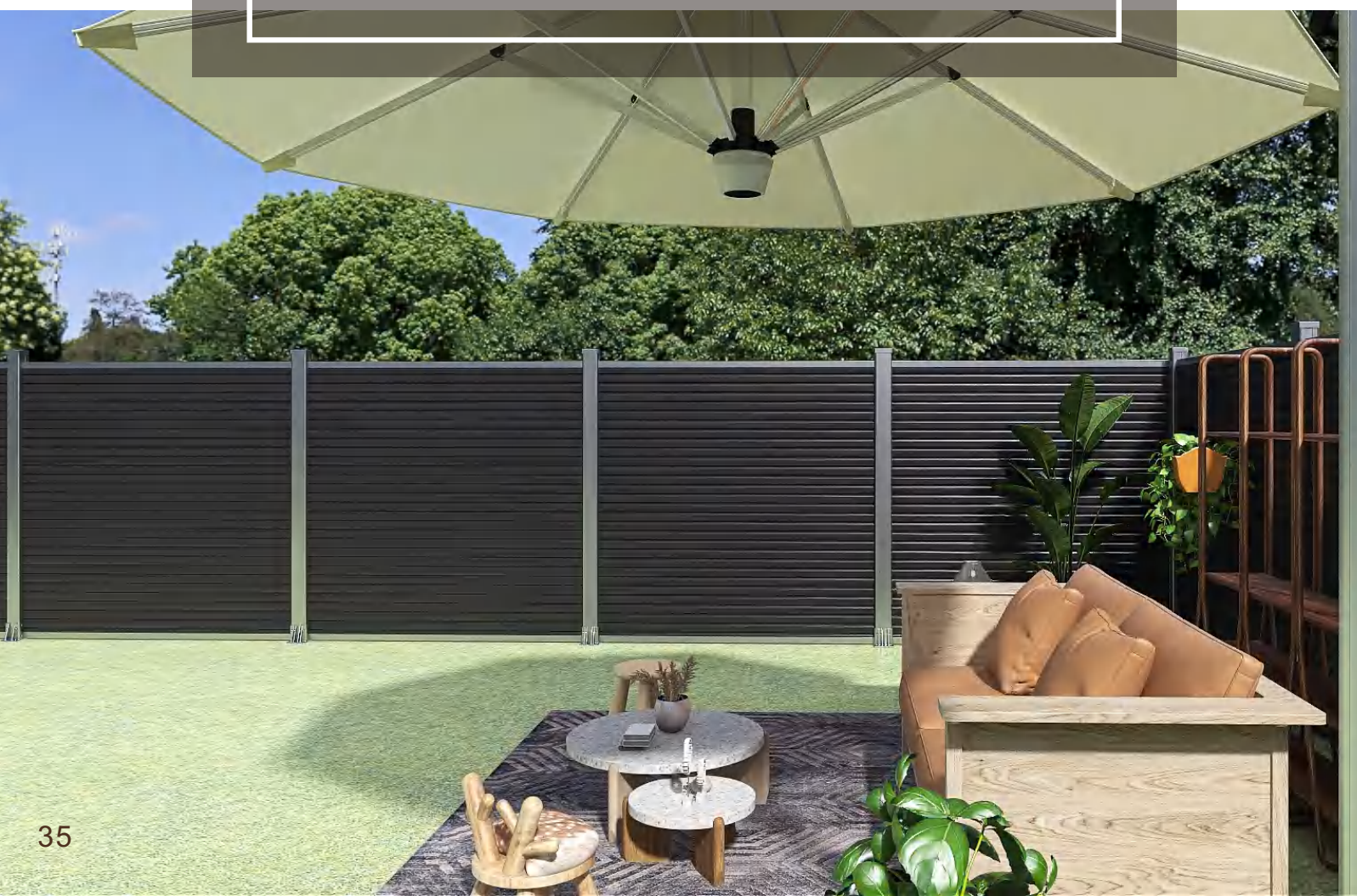
The second generation Super Kit fence is directly used the co-extrusion wpc as the fence post material, which makes the overall fence system more closer to wood feeling and looks more natural. Super kit fence matching the 110mm co-extrusion post, it makes the whole fence more elegant and also more cost-effective





The slat fence panel is in slatted design, it can be installed both horizontally or vertically. The panel is co-extrusion wpc material, which is more scratch-resistant and easier to clean. While fence post is aluminum material, it makes the installation easier and more convenient.

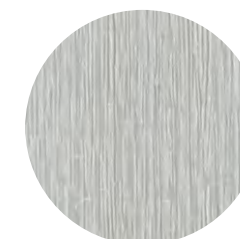
Slat Wall Fence



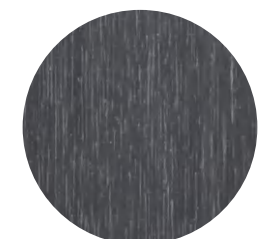
color selection



teak



Antique



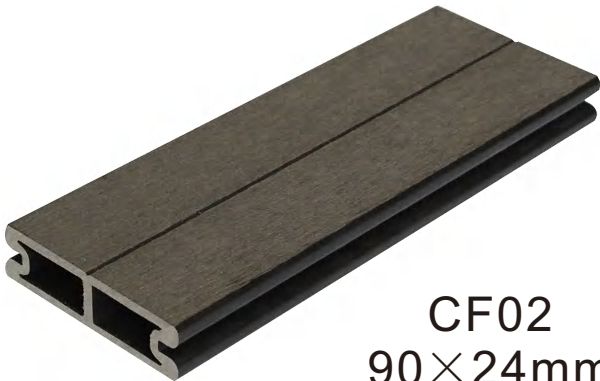
Dark Grey

WPC fence----Generation 1

Fence Standard Size: W1800*H1800mm
W1800*H1150mm
W1800*H1500mm



CF01
180×24mm



CF02
90×24mm

Fence Panel Colors



Teak



Coffee



Dark Grey

Aluminum Frame Colors

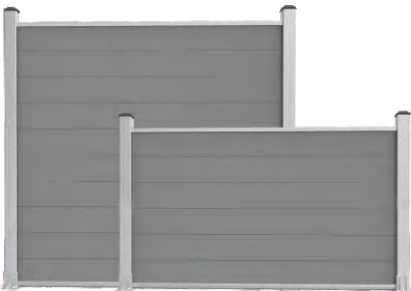


Silver

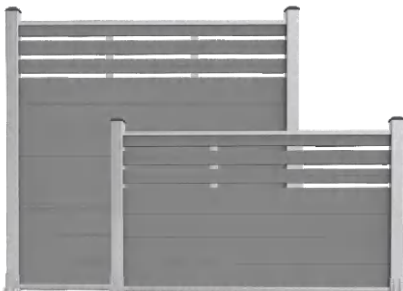


Black

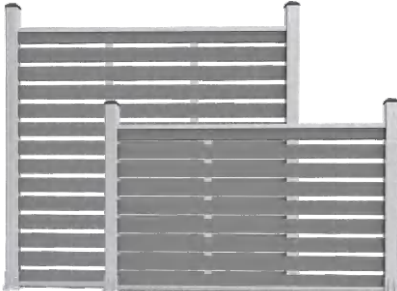
Privacy Fence



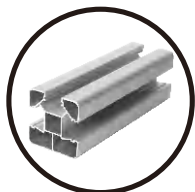
Mid-Trellis Fence



Full-Trellis Fence



Accessories



POST



RAIL



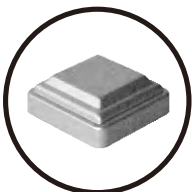
SIDE
COVER



BRACKET
FOR RAIL

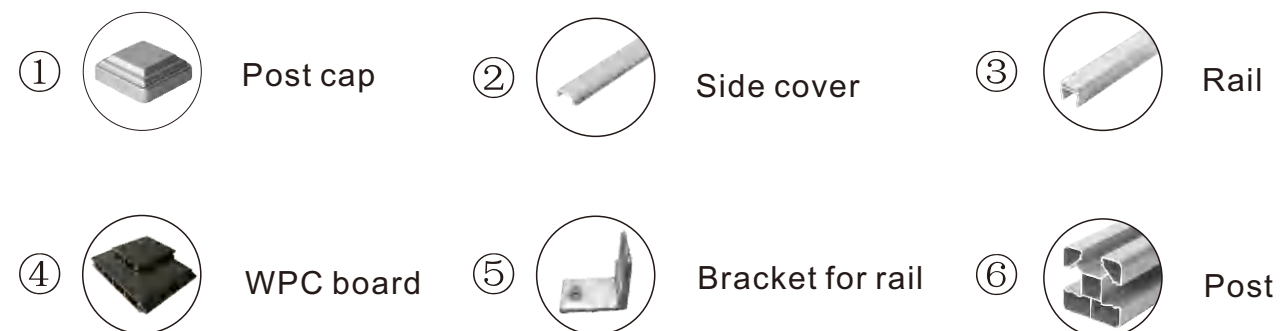
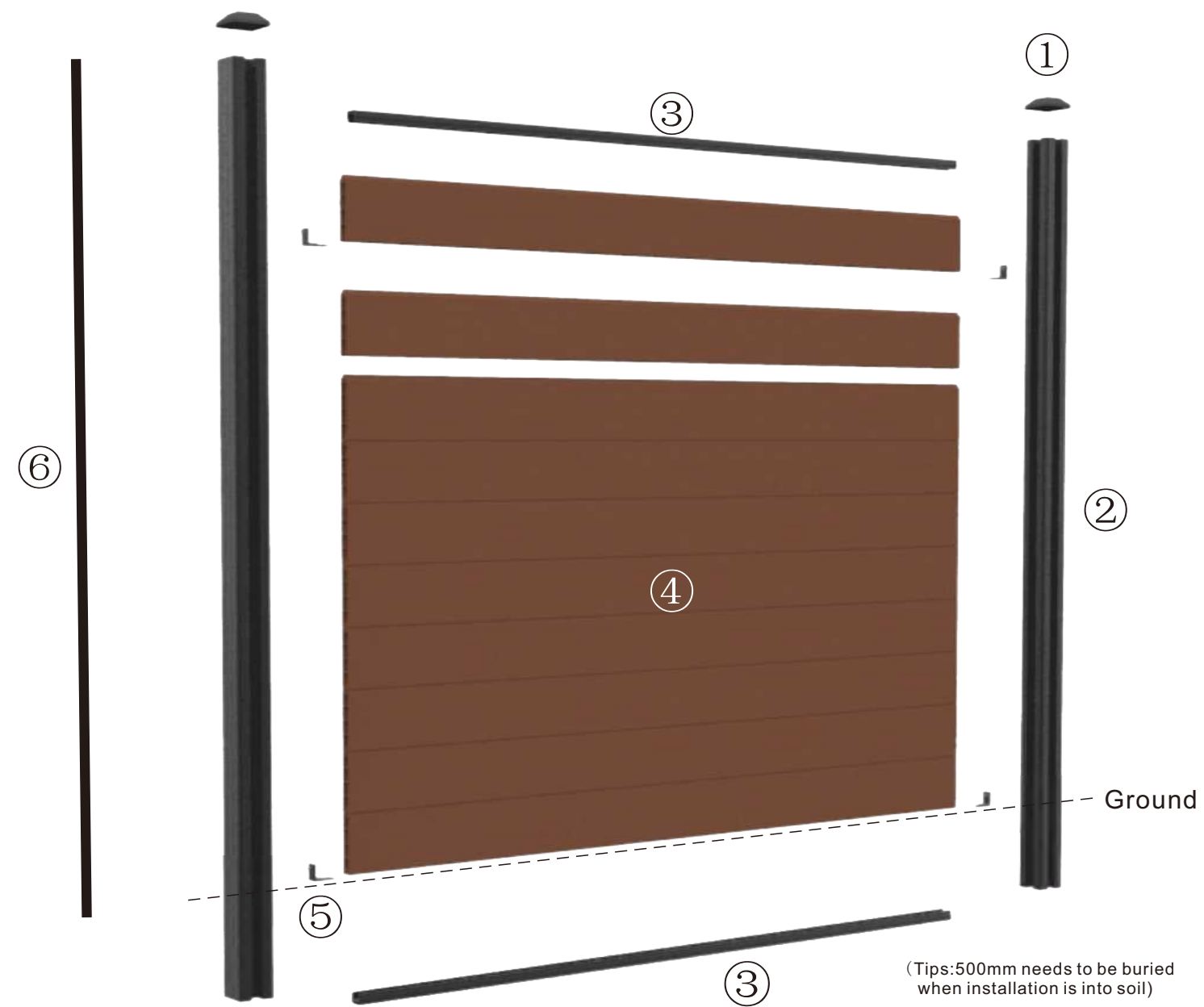


POST
BASE

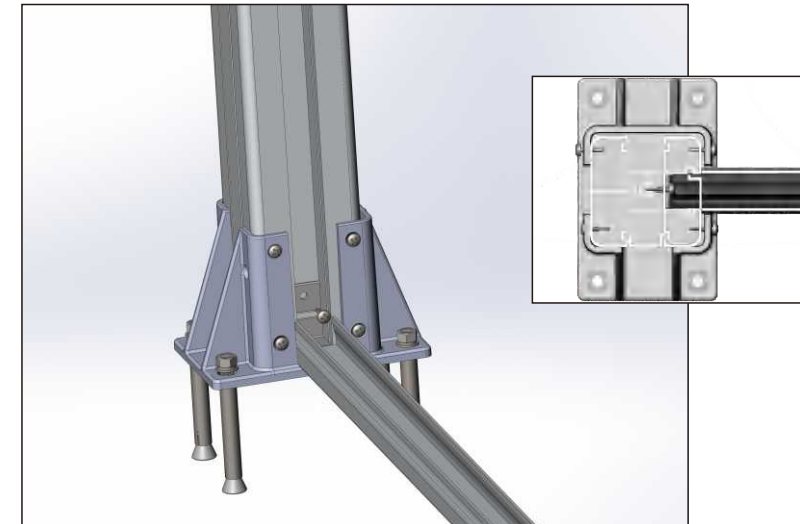


POST CAP

Accessories



Basement Instruction



MecoFence have a complete system. Each detail has been fully considered including concrete ground installation.

We added the design of post base which would not break the original ground structure, but make it easier to install, and customers have a better experience.

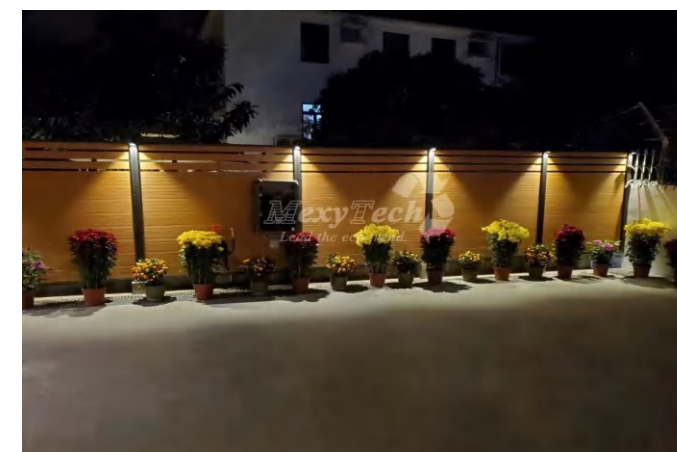


Aluminum



Black

Fence Light



FL01

Fence gate



Standard gate

- Accessories can be replaced easily
- Strong structure

Swing gate

- Various styles available
- Customized gate available



1. Superhigh fence installation

2. Irregular corner fence installation



3. Building a fence on a slope



4. Against wall fence installation



Electric gate

Sliding Gate



Telescopic Gate



Electrical Swing Gate



Turning Sectional Sliding Gate



Electrical Folded Swing Gate



Electric fence gate is combined with aluminum frame and wpc composite fence panels, so that the fence gate and the fence are consistent in design style and color. With intelligent electric control, makes your villa courtyard more elegant and beautiful



Projects

USA, Dark grey



Canada, Dark grey



Israel, Dark grey



Guangzhou, Teak



Canada, Dark grey



Foshan, Teak

Suprotect Slat Wall Cladding

• Anti-UV • Maintenance Free • Easy To Install

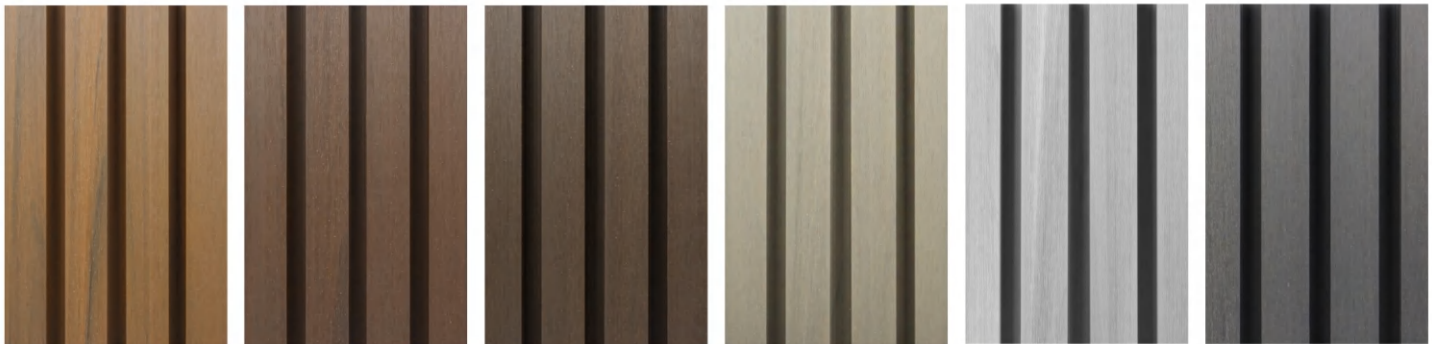
Slat wall cladding #SP-WP14 is an innovative patented design. Different with the normal slat cladding in market, it makes 50% safty improved, longer lifetime and excellent durability.



SP-WP14
222×25mm



color selection



Teak

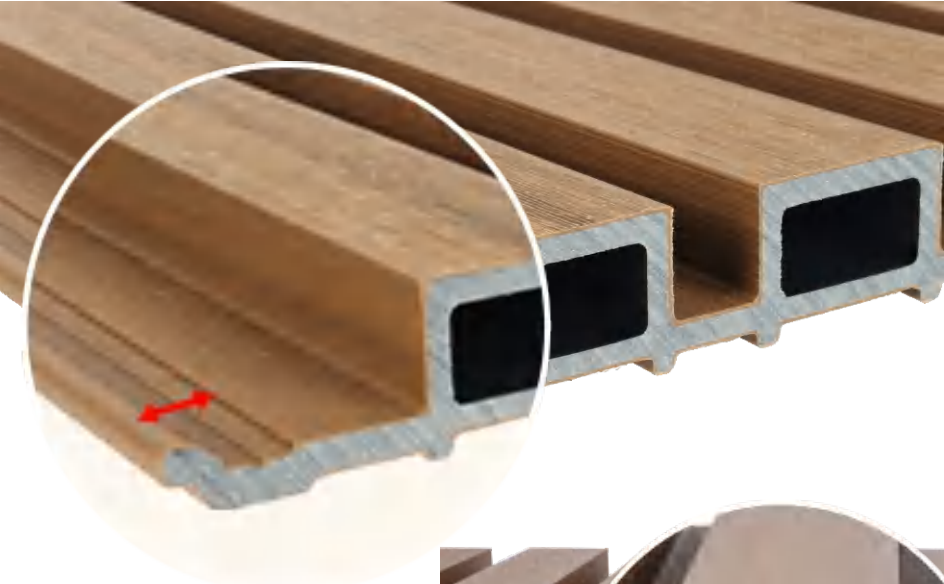
Walnut

IPE

Antique

Ashwood

Dark Grey



Thicken the edge



Patented Design

product comparison



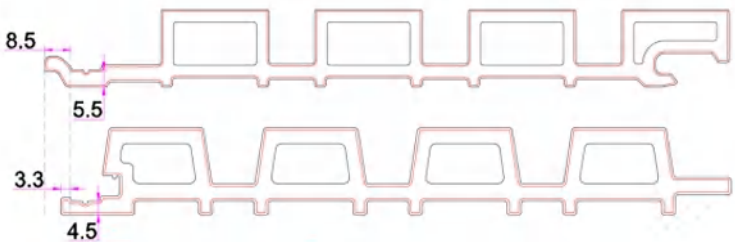
Our



Other

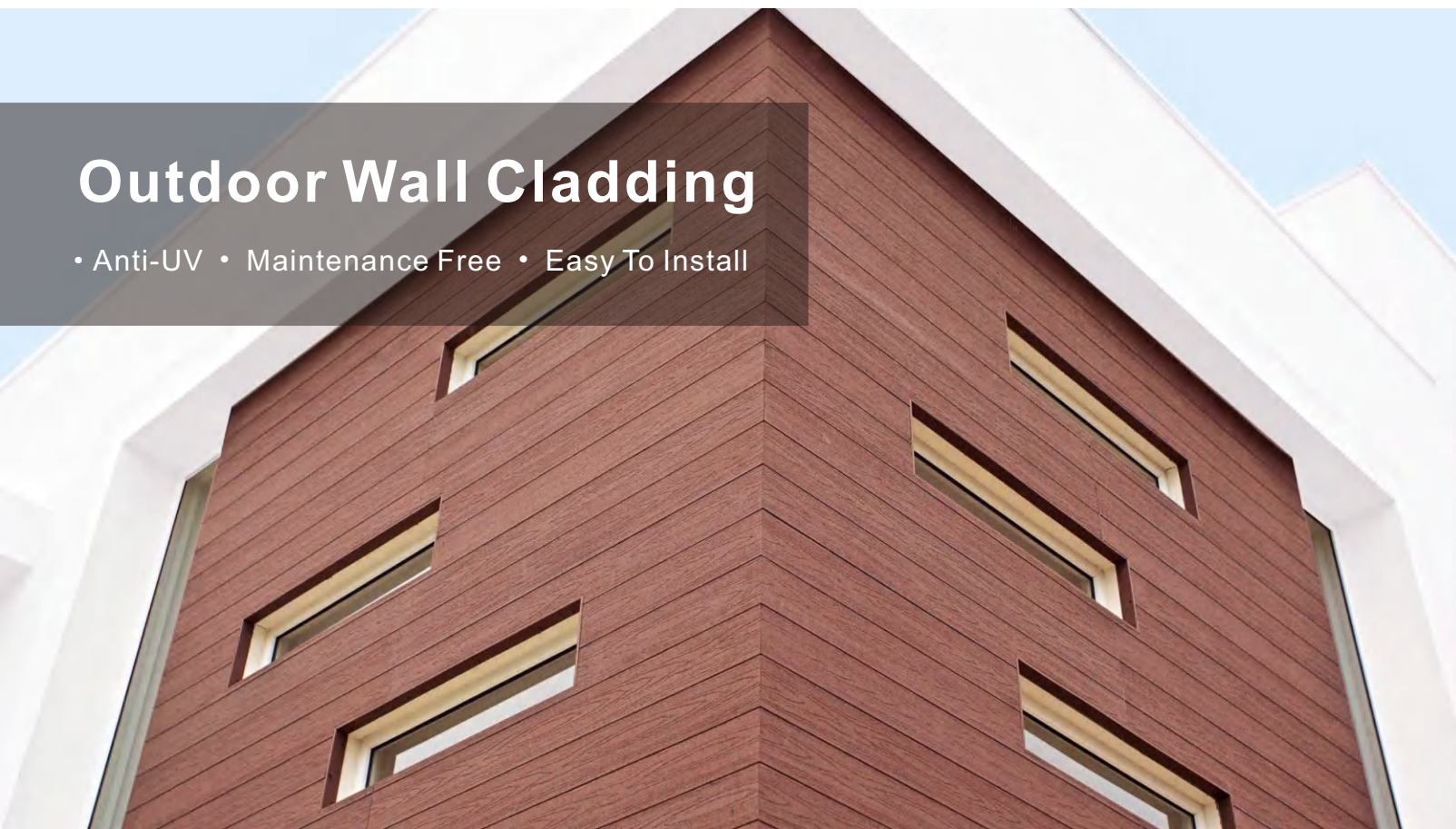
Widened the screws
fixing position area

Thicken the edge



Outdoor Wall Cladding

• Anti-UV • Maintenance Free • Easy To Install



Suprotect Wall Cladding

• Elegant • Low Carbon • Energy saving



Composite Wood Wall Cladding



WP03 145×21mm



WP12 186×20mm

Optional Colors



Dark Grey



Dark Chocolate



Dark Coffee



Coffee



Mahogany



Teak

Surface Treatments



WG1



WG2



Sanding



SP-WP03
153×21mm

Optional Colors



IPE



Walnut



Teak



Antique



Ashwood



Dark Grey

Aluminum Accessories



External Corner
AC-01
63X63mm

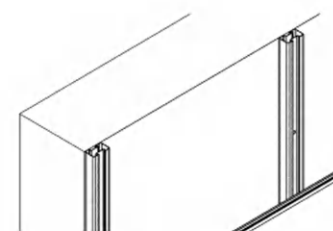


Connecting Trim
AC-02
61X27mm

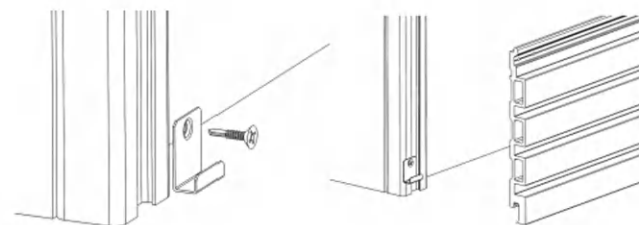


End trim
AC-03
27X27mm

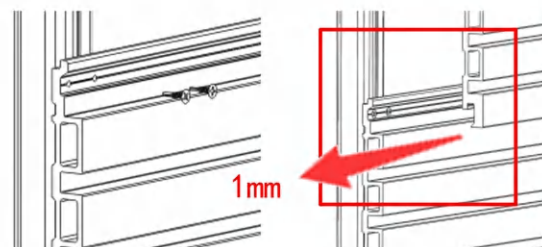
Installation



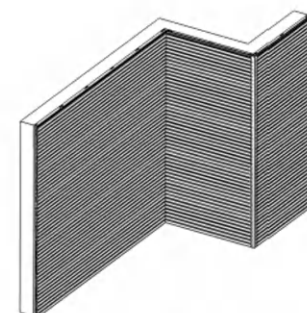
1. 600mm spacing between joists, each joist is fixed with an expansion screw



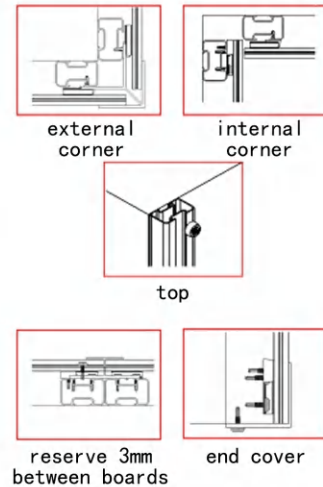
2. Reserve 18mm between the starter clip and floor



3. Install the wall panel (pre-drilled first) Reserve a clearance of 1mm before installing the next wall panel (Prevent the wall panel from expanding and contracting)



4. Overall renderings

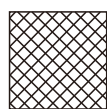


Project Gallery





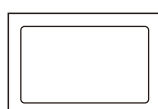
MT30S30



30×30mm



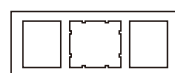
MT60H40



60×40mm



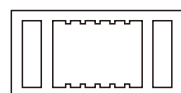
MT90H40



90×40mm



MT100H50



100×50mm



MT50H50



50×50mm



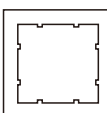
MT70H70



70×70mm



MT90H90



90×90mm



AU01



90×23mm



AU02



60×20mm

Optional Colors



Dark Grey



Dark Chocolate



Dark Coffee



Coffee



Mahogany



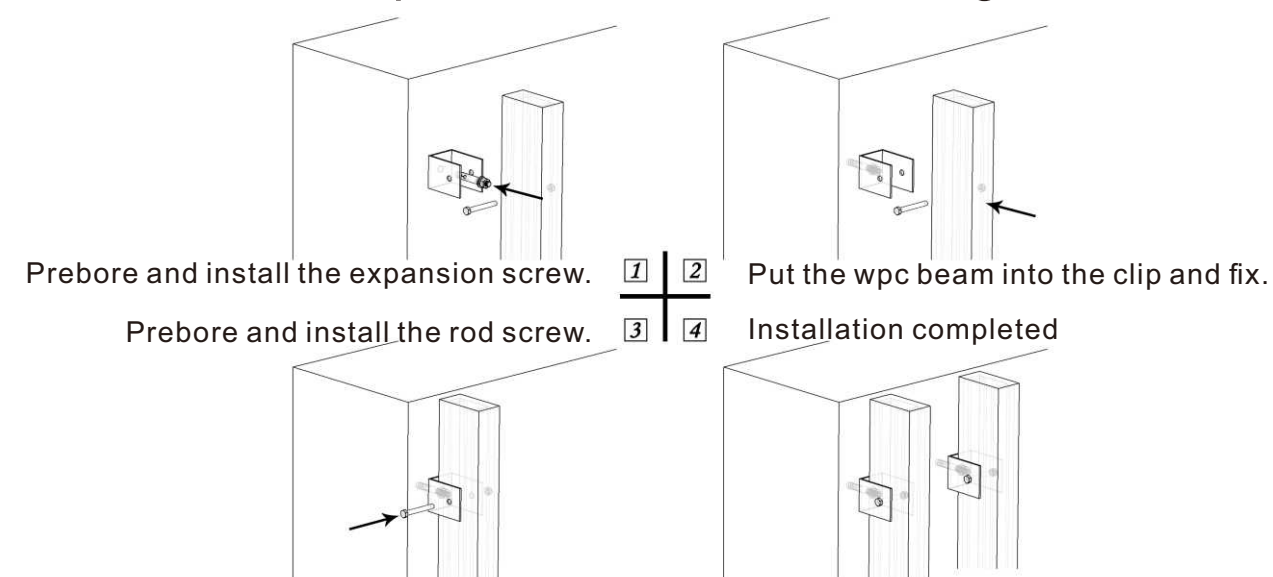
Teak

Surface Treatments



Sanding

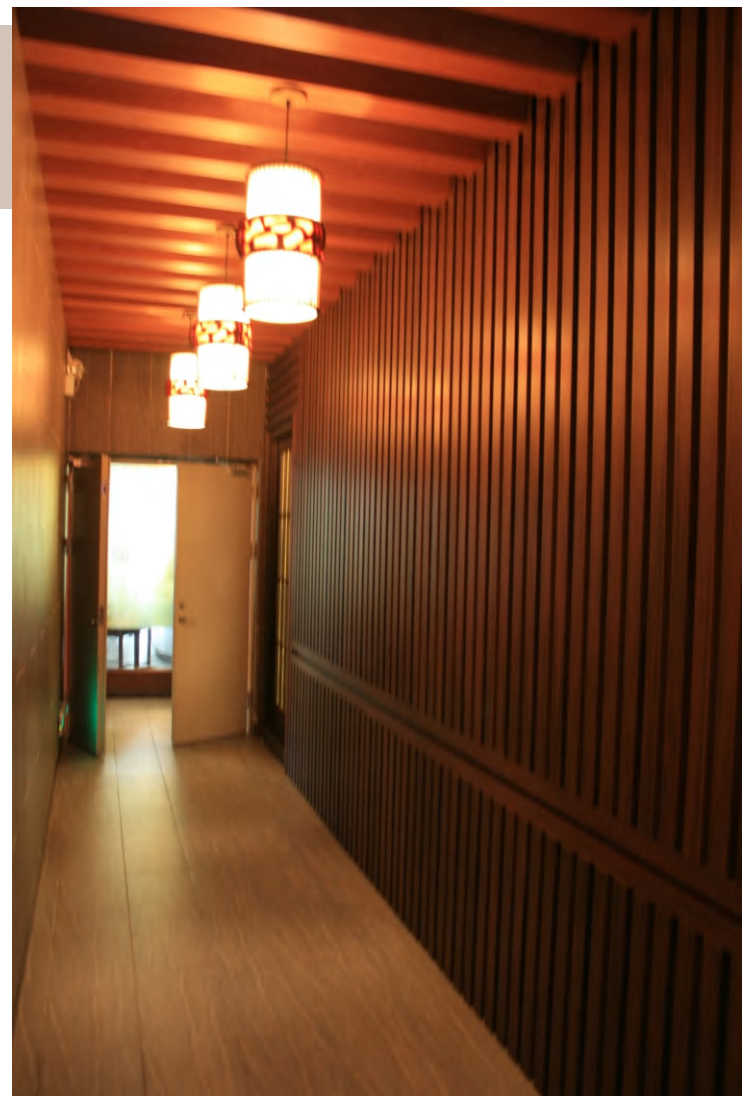
Simple Installation Drawing





Indoor Wall Panel

Indoor wall panel is a special product developed for interior decoration. Light-weighting product, elegant appearance and easy installation are 3 main features of this product. Because of the water-proofing and easy cleaning, our indoor wall panel can be used in offices, hotels, houses, but also in natatoriums, bath room and kitchens, etc.



EC05



120×8mm



EM07



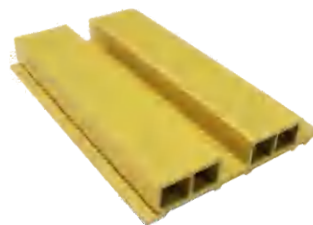
250×12mm



MW02



204×16mm



MW05



192×34mm



MW09



200×33mm



MW01



159×10mm



MW04



202×30mm



MW08



148×15mm

Accessories



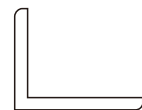
Siding-RC02



25×25mm



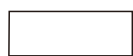
Siding-RC03



40×40mm



Joist-ID01



25×10mm

Optional Colors



Gold



Teak



Coffee



Red wood

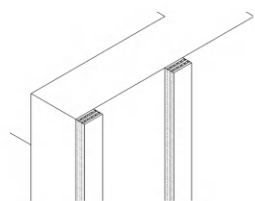


Rose wood



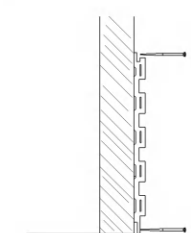
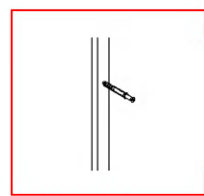
Black walnut

Installation Guide

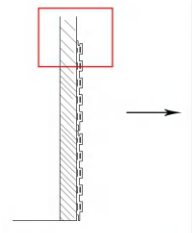


Joist span is 600 mm. Fix the joist every meter with expansion screw

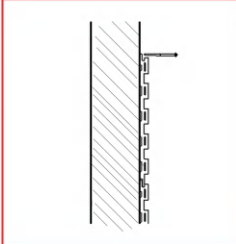
1



2

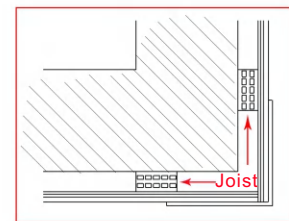


3

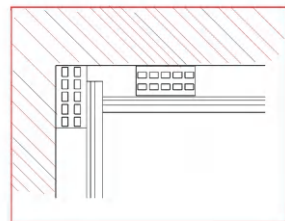


4

Install the bottom wall panel and fix it with air nail gun. Make sure the upper and lower concave parts are well-fixed

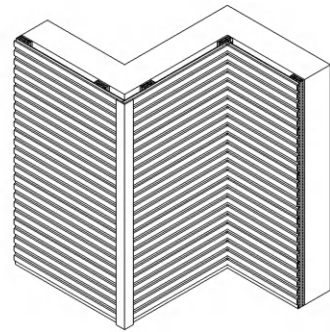


External Corner



Internal Corner

Detail demo



Complete demo

Project Gallery












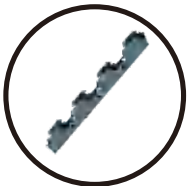














Eco-wood Ceiling



Eco-wood ceiling series serves as a perfect substitution of real wood ceiling and aluminium ceiling. The simple installation, good thermal insulation and fire resistance make it outstanding among other traditional ceilings. Nowadays, eco ceiling series becomes more and more popular in the world because of its excellent features.

Ceiling Model

Finished Product	Series	Ceiling Panel	Ceiling Panel	Metal Joist
 Great Wall Ceiling 1		 PC01 100X25mm	 PC10 25X2.5mm	 MK01
 Great Wall Ceiling 2		 PC03 40X25mm	 PC10 25X2.5mm	 MK01
 Great Wall Ceiling 5		 PC02 40X45mm	 PC11 50X3mm	 MK02
 Great Wall Ceiling 6		 PC13 50X90mm	 PC11 50X3mm	 MK03
 Elegance Ceiling	 EC10 320X9mm			

Optional Colors



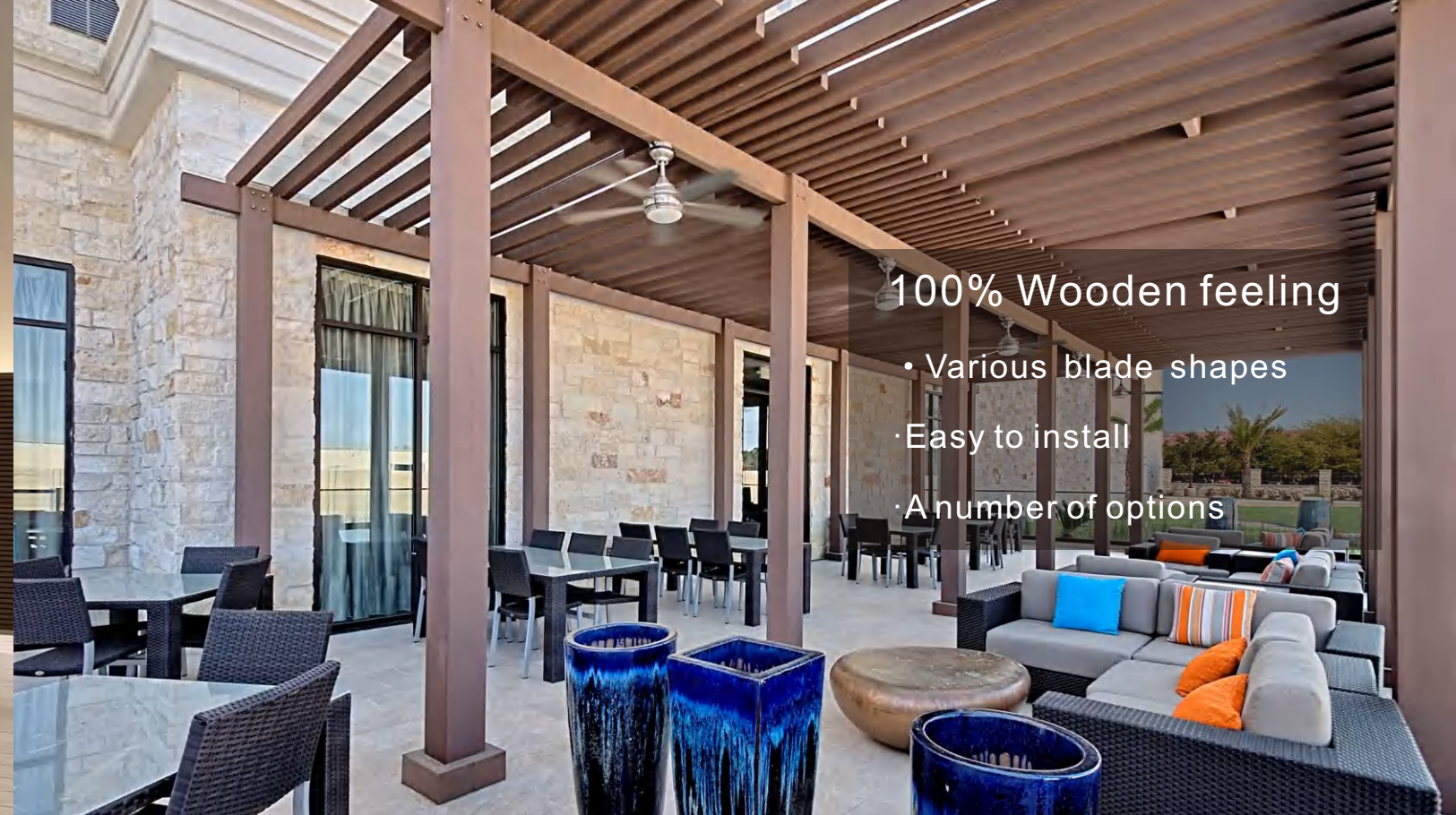


3D design drawing



Realistic picture

VS

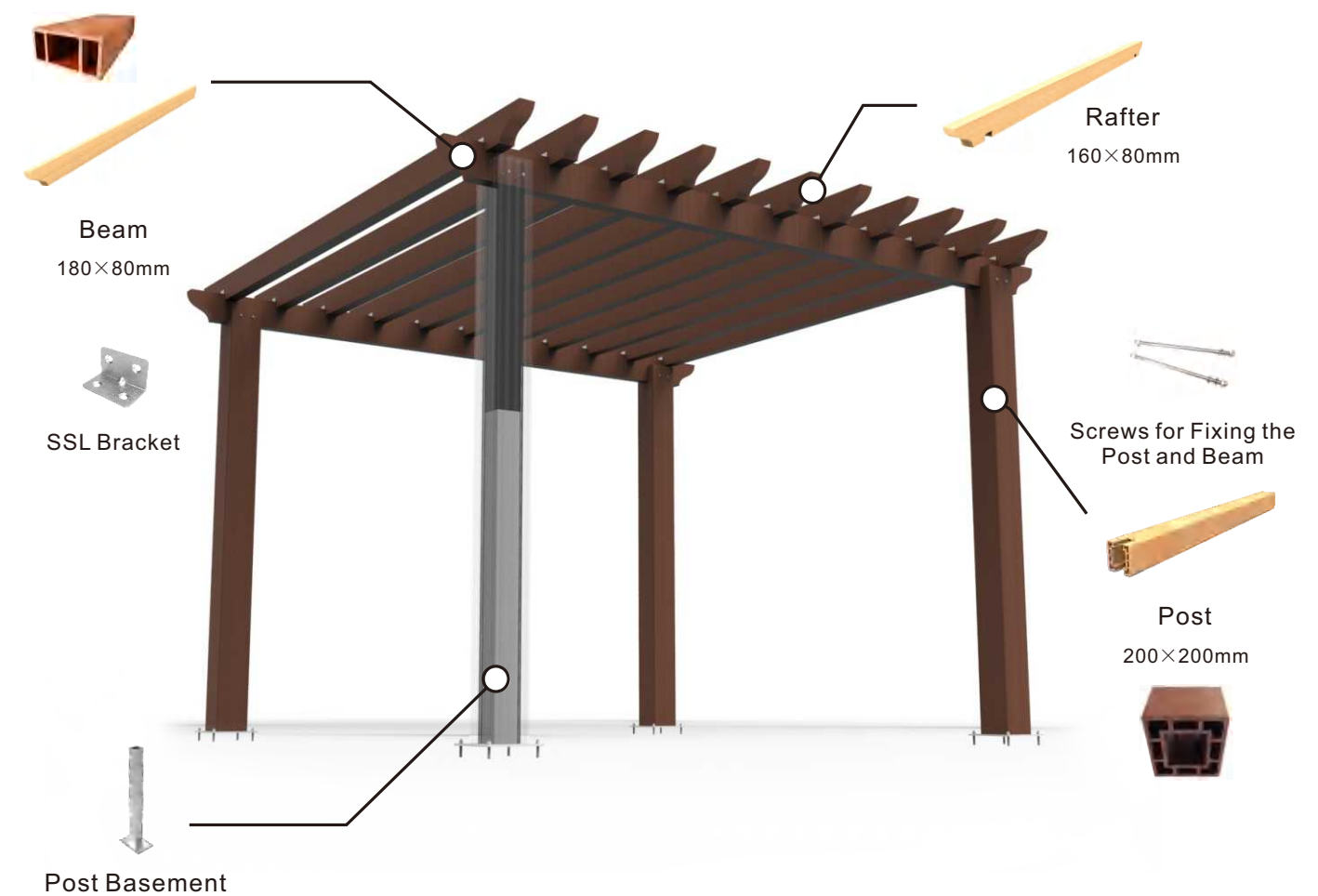


100% Wooden feeling

- Various blade shapes
- Easy to install
- A number of options

Pergola Series

- 100% Natural apperance
- Minimum maintainance
- Customization accpeted
- Free design service
- 24H7D technical team support
- All accessories included



S Type



Bevel Type

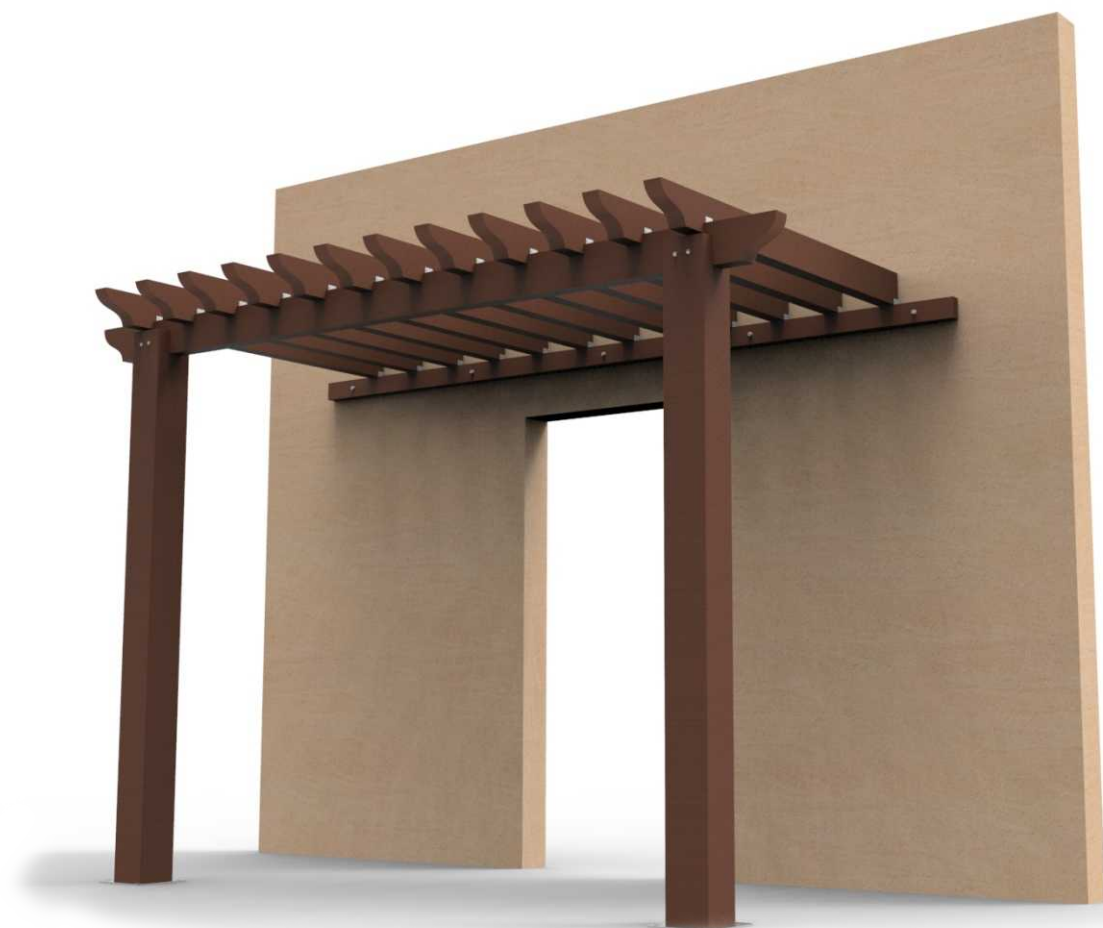


Flat Type





Style1



Style2



MB01
L1500*W530*H420mm



MB02
L1500*W610*H780mm



MB03
L1500*W430*H400mm



MB04
L1500*W510*H750mm

Garden Box



Outdoor Furniture



Gazebo



Other Landscape Series

WPC Handrail



Garden Fence



Profile List

Suprotect Decking			
Model NO.	Product	Section Drawing	Size(mm)
BPS-01			138mm×22mm
SP-OR02			140mm×22mm
SP-ML04			145mm×22mm
BPS03			138mm×22mm
WPC Decking			
Model NO.	Product	Section Drawing	Size(mm)
BPZ-01			140mm×25mm
Z-SB03			145mm×21mm
Z-OR02			140mm×22mm
BPW-01			140mm×25mm
SB03			145mm×21mm
ML02			140mm×23mm
OR02			140mm×22mm
MecoFence			
Model NO.	Product	Section Drawing	Size(mm)
CF01			180mm×24mm
CF02			90mm×24mm
MF04			140mm×11mm

Pergola			
Model NO.	Product	Section Drawing	Size(mm)
Post			200mm×200mm
Beam			180mm×80mm
Rafter			160mm×80mm
Indoor Wall			
Model NO.	Product	Section Drawing	Size(mm)
MW01			159mm×10mm
MW02			204mm×16mm
MW04			202mm×30mm
MW05			192mm×34mm
MW08			148mm×15mm
EM07			250mm×12mm
EC05			120mm×8mm
MW09			200mm×33mm

Profile List

Outdoor Cladding			
Model NO.	Product	Section Drawing	Size(mm)
WP03			145mm×21mm
WP12			186mm×20mm
SP-WP03			153mm×21mm
SP-WP14			222mm×25mm
Eco-wood Ceiling			
Model NO.	Product	Section Drawing	Size(mm)
PC01			100mm×25mm
PC02			40mm×45mm
PC03			40mm×25mm
PC13			50mm×90mm
EC10			320mm×9mm
PC10			25mm×2.5mm
PC11			50mm×3mm
WPC Shading System			
Model NO.	Product	Section Drawing	Size(mm)
MT30S30			30mm×30mm
MT60H40			60mm×40mm
MT90H40			90mm×40mm
MT100H50			100mm×50mm
MT50H50			50mm×50mm
MT70H70			70mm×70mm
MT90H90			90mm×90mm
AU01			90mm×23mm
AU02			60mm×20mm

