

JJWOOD

aks
から始まる

いつまでも美しい木質感

人工木材 co-extrusion
JJWOOD WPCシリーズ



contact us:

ASAHIKOUSHIN (SHANGHAI) CO.,LTD.
Factory Add: No. 118 Liuyang Road, Taicang, Jiangsu, China 215400
Tel: +86-512-8160 8209
Email: akseuro@aksk.com.cn / fang@aksk.com.cn
Url: en.aksk.com.cn / asahikoushin.en.alibaba.com

Japan Headquarter: ASAHIKOUSHIN CO.,LTD.
NO.108-1, Kobukecho Inageku Chibashi Chibaken Japan.
Tel: 043-304-8881 Fax: 043-304-8882
Url: www.aksk.jp










● Note: Color differences may occur due to technical reasons. Please refer to real product.

2019

 旭興進株式会社
ASAHIKOUSHIN CO.,LTD.



CONTENTS >>>

	1-4 About JJWOOD
	5-16 Decking
	17-21 Fencing
	22-24 Railing
	25-32 Cladding
	33-34 DIY Tile
	35-36 Japan Garden Platform
	37-38 Outdoor WPC Garden Furniture
	39-40 Other Products

JJWOOD

Come from Japan since 1993
Owned by AKS®group



JJWOOD is committed to intergating the Janpese culture “和Harmony” into western culture.Using JJWOOD products will make your life and enviroment more beautiful and comfortable, bringing you the luxurious enjoyment and experience.

About Trust



JJWOOD is manufactured by AKS, a 100% Japanese owned factory.

Pure Japan Invented Technology

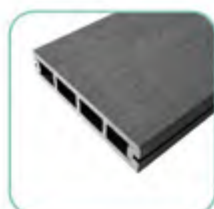
100% Japan Standard Safe Raw Material

By Japan Industrial Standard A5741 and Meet the Requirements of ASTM Standards.

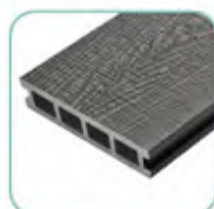
Japanese Invested and Operated Factory



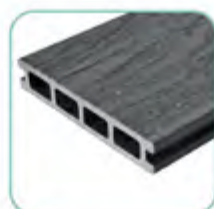
We can provide all range of WPC products to meet different demands from customers.



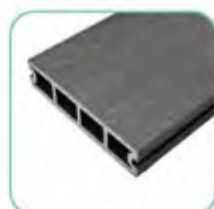
JJWOOD I



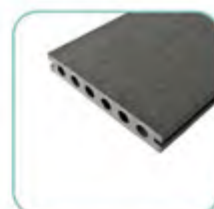
JJWOOD HeadSpring



JJWOOD Antique



JJWOOD II
(PE Co-extrusion)



JJWOOD Brilliant
(Engineering Plastic Co-extrusion)



Wood fibers are mainly from wood cutting and sawdust. Plastic is Japan standard safety recycled material, and with Japan additive & high-durability pigment.

JJWOOD is a new ecological material.



Test Reports

a. Table of physical properties of JJWOOD Brilliant by America ASTM Standard.

Test Items	Test Standard	Test Requirement	Test Result
Bending strength (only for decking)	ASTM D6109 and ASTM D7032(spa n = 16)	1.For Control (maintained at a temperature of 23±2°C for a minimum 24 hours)	Extrude: MOR:25.9 MPa MOE:4606 MPa
		2.For High Temperature (maintained at 52°C for 4 hours)	Extruded: MOR: 24.0MPa MOE: 3784 MPa Tolerance with unexposed specimens: MOR:-7.3%
		3.For Low Temperature (maintained at -29°C for 4 hours)	Extruded: MOR: 28.4MPa MOE: 4805 MPa Tolerance with unexposed specimens: MOR:9.7%
		4.For Moisture Effect (submerged in water with 23°C for 15 days)	Extrude: MOR:25.9 MPa MOE:4821 MPa Tolerance with unexposed specimens: MOR: 0%
		5.For Freeze-Thaw Resistance; For a total of three cycles of water submersion, freezing, and thawing: (1)submerged underwater with room temperature for 24 hours (2)then be placed in a freezer at -29±2°C for 24 hours (3)return to room temperature for a period of 24 hours	Extruded: MOR:25.6MPa MOE:4698 MPa Tolerance with unexposed specimens: MOR:-1.2%
		6. High temperature and Low temperature; Total three cycles included below condition; (1)maintained at 52°C for 4 hours (2)maintained at-29°C for 4 hours Record the MOR and MOE	Extruded MOR:27.4 MPa MOE:4560 MPa
Water Absorption and Thickness Swelling (only for Decking)	ASTM D1037 section 23 Method A	Record the water absorption	Water absorption: 0.31% Thickness swelling:0.06%
Thermal Expansion (For Decking&Skirting)	ASTM D696		Extruded; 35.9 um/m°C
Slip Resistance (Only for Decking)	ASTM D2394		Machine direction: Static coefficient of friction:0.21 Sliding coefficient of friction:0.15 Across machine direction: Static coefficient of friction:0.32 Sliding coefficient of friction:0.22
Abrasion (Only for Decking)	ASTM D4060		42.5
Screw and Nail Withdrawal (For Decking &Skirting)	ASTM D1761		2.01kN The screw was provided by applicant.
Stain resistance (Only for Decking)	ASTM 3023	The finished product shall be enough resistance to the reagent coffee, red wine, corn oil, mustard and butter.	Not effected
Resistance of Synthetic Polymeric Materials to Fungi (For Decking & Skirting)	ASTM G21	Record rating	Rating 0

b. Table of physical properties of JJWOOD II by America ASTM Standard.

Test Items	Test Standard	Test Requirement	Test Result
Static coefficients of friction	With reference to ASTM D2394-05 (2011) Section 33-37	Specimen: 575×140×22.00mm Testing speed: 1.27mm/min	0.34
Sliding coefficients of friction		Specimen: 575×140×22.00mm Testing speed: 51mm/min	0.22
Direct Screw Withdrawal (face of panel)	With reference to ASTM D1037-12 Section 16	Specimen: 152×138×23mm Diameter of screw: 3.42mm Diameter of lead hole: 3.2mm Penetrate into depth: 17mm Test rate: 1.5mm/min	1429N
Axial strength in tension	With reference to ASTM D4761-13 Section 9	Specimen: 150×21.3×22.0mm Testing speed: 5mm/min	16.0MPa
Compression perpendicular to L direction	With reference to ASTM D143-09 Section 12	40955	1.33
		40099	1.42
		40732	1.68
		41554	1.21
		39602	1.31
Remark	Specimen dimensions: 69.90mm x 139.65mm x 22.19mm Testing speed: 0.305mm/min		
Flexural strength after moisture effect	With reference to ASTM D7032-10a Section 4.5.2 and ASTM D6109-10 Method A and client's requirement	Specimen:510×139.2×22.15mm Immersion condition: distilled water, 23±2°C, 24h Testing speed: 10.3mm/min Support span: 352mm	22.7MPa
Flexural stiffness after moisture effect			3270MPa
Impact resistance	ASTM D4495-12	Specimen thickness: 22.0mm Mass of the falling weight: 10lb	Mean failure height: >3000mm Mean failure energy: >133J
Flexural Strength	ASTM D6109-13 Section 10.1 Method A	Specimen: 510×138×23mm Testing speed: 11mm/min Support span: 368mm	23.1MPa
Water absorption	With reference to ASTM D1037-12 Section 23 Method B	Specimen: 152×138×23mm Immersion condition: 20±2°C, 24h, horizontal immersion	0.27%
Specific Gravity	ASTM D792-13 Method A	NA	1.32
Remark	Specimen nominal dimensions: 100mm x 100mm x 23mm		

c. Table of physical properties of JJWOOD II by Japan Industrial Standard A5741.

Test Items	Test Standard	Test Result	Unit	JIS A 5741 Reference Value	
Specific Gravity	JIS K 7112-5.1	1.3	T/m ³	/	
Water Absorption	Absorption Rate	JIS K 5905-6.8	0.4	%	Less than 10%
	Length Change Rate	JIS K 5905-6.10	Length Direction: 0.0 Width Direction: 0.0	%	Less than 3%
Strength	Bending Characteristics	JIS K 7171	23.2	MPa	More than 20MPa
	Impact Strength	JIS K 7171: 1996	4.5	KJ/m ²	more than 0.5
Heat Deformation Temperature	Load Deflection Temperature	JIS K 7191-1	78.9	°C	More than 70°C
Weather-ability	Strength of Extension Rate	JIS K 7350-2	-4	%	Less than -30%
	Tensile Strength Change Rate	JIS K 5721	12	%	Less than 50%

d. Table of 4000hrs UV resistance testing by JISZ8722:2009 Standard.

Test time(hrs)	Test Result				
	Grade	L*	a*	b*	Delta E*ab
	/	46.37	5.57	10.74	/
1000h	2-3	51.53	7.59	13.97	6.40
2000h	2-3	49.40	8.58	15.16	6.10
3000h	2	48.44	9.09	15.96	6.60
4000h	2	47.29	9.53	16.51	7.10



TEST REPORT

NO.: A002E11051838-1R02
Test Results:

Soluble Element	Cadmium (Cd)	Lead (Pb)	Chromium (Cr)	Mercury (Hg)	Arsenic (As)	(Se)
MQL	0.05	0.5	0.5	0.5	0.5	0.5
Limit	20	20	-	-	20	20
Unit	mg/m ³					
No.1	0.09	1.16	0.75	N.D.	N.D.	N.D.

Test item	Standards	Results (mg/L)		Conclusion
		No.1	No.2	
Formaldehyde	E0:≤0.5mg/L		0.2	E0 PASS
	E1:≤1.5mg/L			

Freezing and Thawing Test by JKTAC

a. Coefficient of Linear Expansion.

Sample	Coefficient of Linear Expansion			Average value(°C-1)
	Length L0(mm)	Length Variation ΔL(mm)	Result (°C-1)	
1	541.48	2.26	5.22×10 ⁻⁵	5.0×10 ⁻⁵
2	540.36	2.168	5.22×10 ⁻⁵	
3	540.26	2.083	4.82×10 ⁻⁵	

b. Freezing and Thawing Test

Sample	Length Variation (mm)			Average variation value
	Before test	After test	Variation value	
1	600.20	600.60	0.40	0.41
	599.90	600.42	0.52	
2	599.72	599.94	0.22	
	599.62	600.08	0.46	
3	599.70	599.92	0.22	
	599.74	600.40	0.66	

Test and Patent Certificates:



JJWOOD Brilliant Series

JJWOOD Brilliant series is capped wood plastic composite, which has advanced 100% new engineering plastic protection on four sides around the boards. The surface layer and core are extruded together under a very high temperature mold simultaneously. The core is made from Japanese standard recycled material and very fine wood powder.



Decking Board

JM-3087



Stair Nosing Board

JM-3003



Skirting Board

JM-3002



JM-3005



List

Name	Model	Size/mm	Color
Decking	JM3087-5A	138×22.5	White
	JM3087-5B	138×22.5	Silver Grey
	JM3087-5C	138×22.5	Oak
	JM3087-5D	138×22.5	Teak
	JM3087-5E	138×22.5	Ipe
	JM3087-5F	138×22.5	Ebony
Stair Nosing	JM3003-5A	138×22.5	White
	JM3003-5B	138×22.5	Silver Grey
	JM3003-5C	138×22.5	Oak
	JM3003-5D	138×22.5	Teak
	JM3003-5E	138×22.5	Ipe
	JM3003-5F	138×22.5	Ebony
Skirting	JM3002-5A	180×15	White
	JM3002-5B	180×15	Silver Grey
	JM3002-5C	180×15	Oak
	JM3002-5D	180×15	Teak
	JM3002-5E	180×15	Ipe
	JM3002-5F	180×15	Ebony
	JM3005-5A	235×12	White
	JM3005-5B	235×12	Silver Grey
	JM3005-5C	235×12	Oak
JM3005-5D	235×12	Teak	
JM3005-5E	235×12	Ipe	
JM3005-5F	235×12	Ebony	

Color Options



Note: Color difference may occur due to technical reasons. Please refer to real product.

Decking Accessories

JJWOOD Brilliant has two kinds of hidden clip systems: one is plastic clip and the other is stainless steel clip. Both clip systems can allow the expansion and contraction of board.



Starter Clip

For fixing the first board and stair nosing board.



End Caps

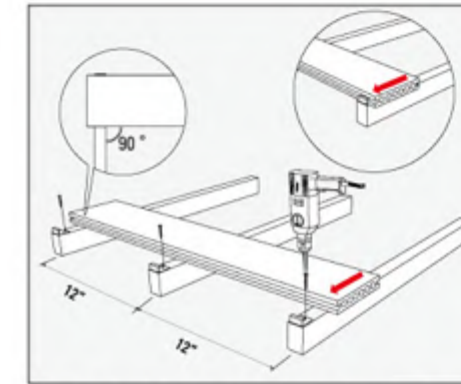
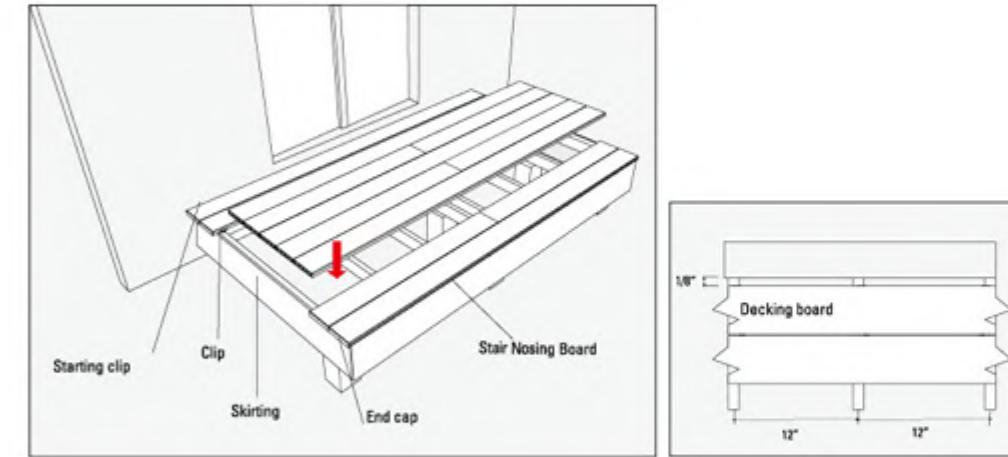
End caps for decking board will make the decking end more beautiful.



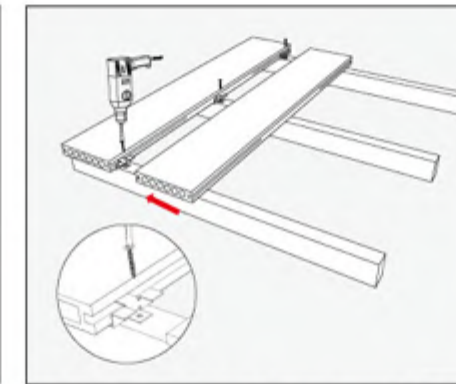
List

Name	Model	Size/mm	Color
End-Cap	/	138*23	White
	/	138*23	Silver Grey
	/	138*23	Oak
	/	138*23	Teak
	/	138*23	Ebony
Starter Clip	JP-SS28*25-11	28x25x11	Original Color
Fixing Clip	JP-SS40*24-10	40*24*10	Original Color
Plastic Clip	JP-PLS40*16-12	40*16*12	Black
Screw	JP-BS-SS-B2-D4.0*36	Dia.4.0*25	Original Color
	JP-BS-SS-B2-D3.5*40	Dia.3.5*40	Original Color

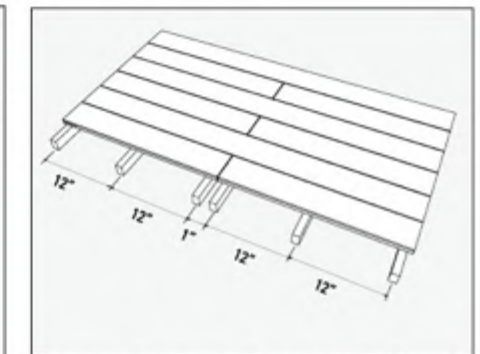
Installation Guide



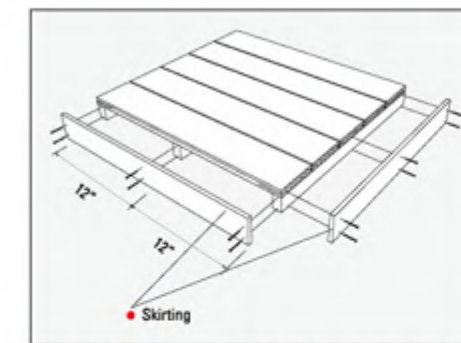
Decking boards should be installed perpendicularly to the beams, making sure the distance between beams is no more than 12".



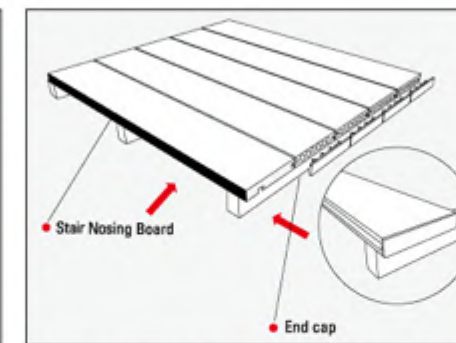
Put the stainless clip in the right position on the decking board on the beam and screw it to the beam.



Two support beams and clips are required for each board at their junction. Suggested distance between support beams: 1"(2.5 cm). Making sure the beams have a 1" distance to each other.



Install skirting with screws to the beams, making sure 2 screws are installed every 12"(30 cm).



Insert the end cap to the end of decking board, using a rubber hammer if necessary to make sure the cap is installed tightly. The side cap are designed to fit into the side groove of decking boards. These two items will provide an elegant finishing to your deck.

Note: Composite, like other materials, will expand and shrink with temperature changes; this means that your composite boards might be longer in summer and shorter in winter. For this reason, it is necessary to leave a sufficient gap between boards.

- ▶ Low Maintenance
- ▶ Safety
- ▶ Durability

JJWOOD HeadSpring Series

JJWOOD HeadSpring Series is online deep-embossing wood plastic composite. We emboss the board on extrusion line. The embossing pattern will last forever with board. Meantime, the surface of board will be harder and has better water-resistance and stain-resistance.



Decking



back texture

JM-085



JM-091



Skirting Board

JM-094



List

Name	Model	Size/mm	Color	
Decking	JM085-0I	150×25	Light Grey	
	JM085-0E	150×25	Beige	
	JM085-0J	150×25	Orange	
	JM085-0C	150×25	Brown	
	JM085-0G	150×25	Deep Tea	
	JM085-0A	150×25	Deep Grey	
	JM091-0I	146×25	Light Grey	
	JM091-0E	146×25	Beige	
	JM091-0J	146×25	Orange	
	JM091-0C	146×25	Brown	
Skirting	JM091-0G	146×25	Deep Tea	
	JM091-0A	146×25	Deep Grey	
	JM094-0I	123.5×52	Light Grey	
	JM094-0E	123.5×52	Beige	
	JM094-0J	123.5×52	Orange	
	JM094-0C	123.5×52	Brown	
	JM094-0G	123.5×52	Deep Tea	
	JM094-0A	123.5×52	Deep Grey	
	Starter Clip	JP-SS28×25-11	28×25×11	Original Color
	Fixing Clip	JP-SS40×24-10	40×24×10	Original Color
Plastic Clip	JP-PLS40×16-12	40×16×12	Black	
Screw	JP-BS-SS-B2-D4.0×35	Dia.4.0×25	Original Color	
	JP-BS-SS-B2-D3.5×40	Dia.3.5×40	Original Color	

Color Options



Light Grey

Beige

Orange

Brown

Deep Tea

Deep Grey

Note: Color difference may occur due to technical reasons. Please refer to real product.



JJWOOD II Series

JJWOOD II series applies the latest co-extrusion technology from Japan. We have two layers to better protect the board, with the advanced formulated composites outer layer wrapping the core. The reliable JJWOOD II series is ensured by the advanced bonding technology and Japan standard raw material.

Drawing	Photo	Model	Size(mm)
		JM-1004	145×30
		JM-1075	174×45
		JM-2072	138×23
		JM-2074	147×20
		JM-2082	138×22.5
		JM-2086	145×30



JJWOOD I Series

JJWOOD I series is a new environmental man-made material which is made from wood powder, recycled plastic and other Japanese standard additives.

Drawing	Photo	Model	Size(mm)
		JM-016	105×20
		JM-004	145×30
		JM-037	138×22
		JM-072	137×23

- DECKING
- FENCING
- RAILING
- CLADDING
- DIY TILE
- JAPAN GARDEN PLATFORM
- WPC GARDEN FURNITURE
- OTHER PRODUCTS

End Board

Description	Photo	Model	Size(mm)
End Board		JM-015	105×20
End Board		JM-019	105×20
End Board		JM-055	145×30
End Board		JM-1055	145×30
End Board		JM-073	68×17

Joist

Description	Photo	Model	Size(mm)
WPC Joist		JM-060	57×32
WPC Joist		JM-061	40×30
Aluminum Joist		JL-ALM4530-3000	45×30

Clip

Description	Photo	Model	Size(mm)
Aluminum Clip		JP-ALM40×19	40×29
Stainless Steel Clip		JP-SS40×24-10	40×24×10
Plastic Clip		JP-PLS40×16	40×16
Plastic Clip		JP-PLS40×16	40×16











End Clip

Description	Photo	Model	Size(mm)
End Clip		JP-TT30×20×13~23	30×20×13~23
End Clip		JP-SS28×25×11	28×25×11

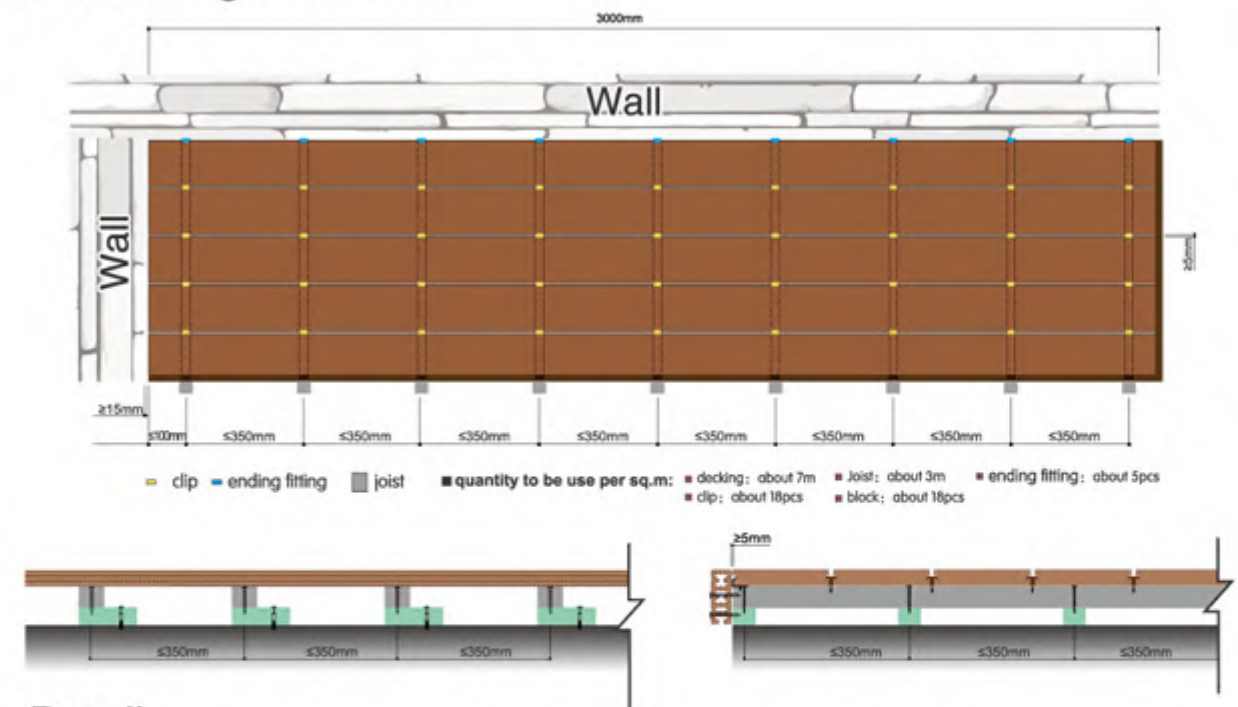
Cover

Description	Photo	Model	Size(mm)
Wpc cover		JP-WPC145×30	145×30×17
Plastic cover		JP-PLS138×21.5	138×21.5
Plastic cover		JP-PLS175×45	175×45

Screws

Description	Photo	Model	Size(mm)
Round head self-drilling and self-tapping screw		JP-BS-SS-A1-D4.2×13	φ4.2×13
Round head self-drilling screw		JP-BS-SS-A2-D4.2×13	φ4.2×13
Countersunk self-drilling and self-tapping screw		JP-BS-SS-B1-D4.2×13	φ4.2×13
Countersunk self-drilling screw		JP-BS-SS-B2-D4.2×13	φ4.2×13
Round head self-drilling and self-tapping screw		JP-BS-SS-A1-D4.2×38	φ4.2×38
Round head self-drilling screw		JP-BS-SS-A2-D4.2×38	φ4.2×38
Countersunk self-drilling and self-tapping screw		JP-BS-SS-B1-D3.5×40	φ3.5×40
Countersunk self-drilling screw		JP-BS-SS-B2-D3.5×40	φ3.5×40
US nail		JP-BS-TT-D6×60	φ6×60
Countersunk self-drilling screw		JP-BS-SS-B2-D4×70	φ4×70

Installation guide: 2.1 m²



Detail:

- ◆ Joist spans (center to center): ≥ 350 mm (Joist spans vary according to different profiles and projects.)
- ◆ Decking Minimum end gap where boards butt: ≥ 5 mm
- ◆ Decking Minimum side gap where clips join: ≥ 5 mm

※ This sketch does not on behalf of the construction requirements of factory.

JJWOOD II Fence

DIY Fence



Component List

	Name	Photo	Size/mm	Quantity/set
1	JJWOOD(co-extrusion) JM2074		147×20×1780	9
2	JJWOOD(co-extrusion) JM1076		70×11×1780	8
3	Top& Bottom Rail (Aluminum)		41×20×1780	2



Component List

	Name	Photo	Size/mm	Quantity/set
1	JJWOOD(co-extrusion) JM2074		147×20×1780	12
2	Cross Aluminum pole		12×11×1780	11
3	Top& Bottom Rail (Aluminum)		41×20×1780	2



Component List

	Name	Photo	Size/mm	Quantity/set
1	JJWOOD(co-extrusion) JM2074		147×20×1780	9
2	Aluminum Board		92×20×1780	8
3	Top& Bottom Rail (Aluminum)		41×20×1780	2

- Easy Installation
- Different Combinations
- Customized Sizes
- Maintenance Sizes
- High Durability
- Eco-friendly

Post (DIY Fence)

Component List

	Name	Photo	Size/mm	Quantity/set
1	Aluminum Post		70×70	2
2	WPC Post		70×70	2
3	Aluminum Inner Post		56.7×56.7	2
4	Aluminum Post		70×70	2
5	Aluminum Post Channel		45×24	2
6	Post Holder (Galvanize Steel)		150×150	2
7	Post Cover (Plastic)		70×70	2

JJWOOD I Fence

JM-081 Fence



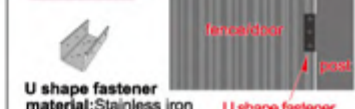
115×10mm

	Photo	Material	Size/mm	Quantity/set
1		WPC/Aluminum	1800×1800×35	Grey Brown Yellow
2		WPC/Aluminum	1800×900×35	Grey Brown Yellow
3		WPC/Aluminum	900×1800×35	Grey Brown Yellow
4		WPC/Aluminum	900×1800×35	Grey Brown Yellow
5		WPC/Aluminum	1800×900×35	Grey Brown Yellow

Post



Post Fasten



U shape fastener
material:Stainless iron
code:JP-TT100×38-30
size:100×100×30mm

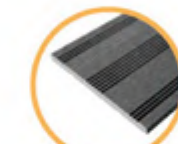
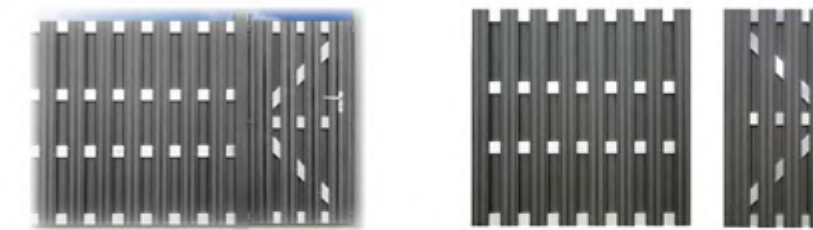
Parts list

material:WPC
size:70×70×2000mm

material:Plastic
size:70×70mm

※The posts can be used solely in conjunction with the fence, door, and can also be used in combining themselves.

JM-033 Fence



145×9mm

	Photo	Material	Size/mm	Quantity/set
1		WPC/Aluminum	1800×1800×33	Grey Brown Yellow
2		WPC/Aluminum	1800×900×33	Grey Brown Yellow

※ Above is taken the examples of common size and color. If there are special requests, please contact with the sales staff.

JJWOOD Antique Fence



- Easy Installation.
- WPC Panels with mixed color which looks antique.
- Aluminum post with side cover for empty channels. The post will flat on each sides.
- Different combinations by customers.
- Water-proof
- Maintenance free.
- Eco-friendly.

Fence I



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	WPC Fence Panel JM-086		226×20×1780	Bi-Color	7
2	Aluminum Slats		36×20×1780	Anthracite Grey	6
3	Aluminum Top Rail		40×20×1780	Anthracite Grey	1
4	Aluminum Bottom Rail		40×20×1780	Anthracite Grey	1
5	Brackets & Screws			Anthracite Grey Original Color	1

Fence II



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	WPC Fence Panel JM-086		226×20×1780	Bi-Color	8
2	Aluminum Top Rail		40×20×1780	Anthracite Grey	1
3	Aluminum Bottom Rail		40×20×1780	Anthracite Grey	1
4	Brackets & Screws			Anthracite Grey Original Color	1

Fence III



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	WPC Fence Panel JM-086		226×20×1780	Bi-Color	7
2	Aluminum Slats		36×20×1780	Anthracite Grey	6
3	Aluminum Top Rail		40×20×1780	Anthracite Grey	1
4	Aluminum Bottom Rail		40×20×1780	Anthracite Grey	1
5	Brackets & Screws			Anthracite Grey Original Color	1

Post



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	Aluminum Post		70×70×1950 70×70×2250	Anthracite Grey	1
2	Aluminum Post Side Cover		22.5×8×1950 22.5×8×2250	Anthracite Grey	3
3	Post Holder & Screws		150×150×304	Anthracite Grey Original Color	1
4	Long Post Holder & Screws		150×150×564	Anthracite Grey Original Color	1
5	Aluminum Post Cap		70×70×35	Anthracite Grey Original Color	1

JJWOOD I Fence

- Easy Installation. ■ Aluminum post with side cover for empty channels. The post will flat on each side.
- Different combinations by customers. ■ Water-proof. ■ Maintenance free. ■ Eco-friendly.

Fence I



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	WPC Fence Panel JM-086		226×20×1780	Grey/Brown/Beige Deep Tea Light Tea	7
2	Aluminum Slats		36×20×1780	Anthracite Grey	6
3	Aluminum Top Rail		40×20×1780	Anthracite Grey	1
4	Aluminum Bottom Rail		40×20×1780	Anthracite Grey	1
5	Brackets & Screws			Anthracite Grey Original Color	1

Fence II



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	WPC Fence Panel JM-086		226×20×1780	Grey/Brown/Beige Deep Tea Light Tea	8
2	Aluminum Top Rail		40×20×1780	Anthracite Grey	1
3	Aluminum Bottom Rail		40×20×1780	Anthracite Grey	1
4	Brackets & Screws			Anthracite Grey Original Color	1

Fence III



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	WPC Fence Panel JM-086		226×20×1780	Grey/Brown/Beige Deep Tea Light Tea	7
2	Aluminum Slats		36×20×1780	Anthracite Grey	6
3	Aluminum Top Rail		40×20×1780	Anthracite Grey	1
4	Aluminum Bottom Rail		40×20×1780	Anthracite Grey	1
5	Brackets & Screws			Anthracite Grey Original Color	1

Post



Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	Aluminum Post		70×70×1950 70×70×2250	Anthracite Grey	1
2	Aluminum Post Side Cover		22.5×8×1950 22.5×8×2250	Anthracite Grey	3
3	Post Holder & Screws		150×150×304	Anthracite Grey Original Color	1
4	Long Post Holder & Screws		150×150×564	Anthracite Grey Original Color	1
5	Aluminum Post Cap		70×70×35	Anthracite Grey Original Color	1

JJWOOD Brilliant Railing

On Balcony



On Stairs



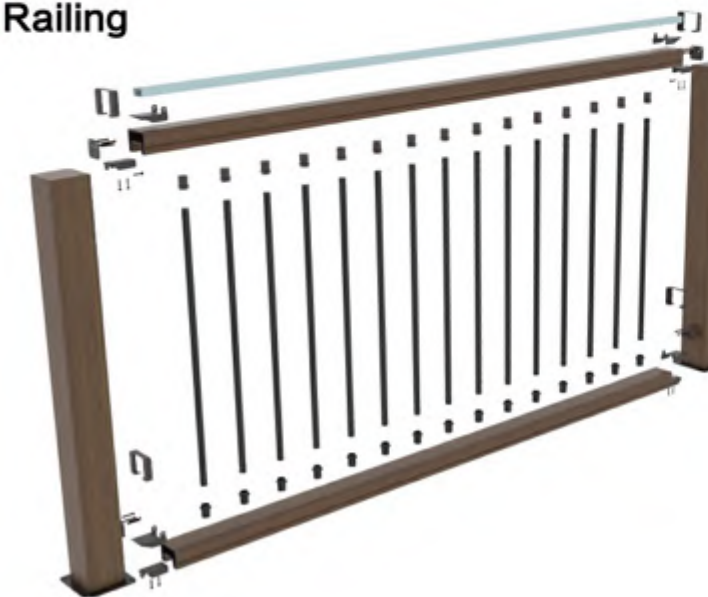
New design outdoor WPC railing!

- Easy Installation and can be cut to any size on site.
- Elegance and looks natural!

Component List

	Name	Photo	Size/mm	Color	Quantity/set
1	WPC Railing 36"		76×914×1820	Teak Silver Grey Walnut	/
2	WPC Railing 42"		76×1067×1820	Teak Silver Grey Walnut	/
3	Universal Post 36"		94×94×990	Teak Silver Grey Walnut	/
4	Universal Post 42"		94×94×1156	Teak Silver Grey Walnut	/

Railing

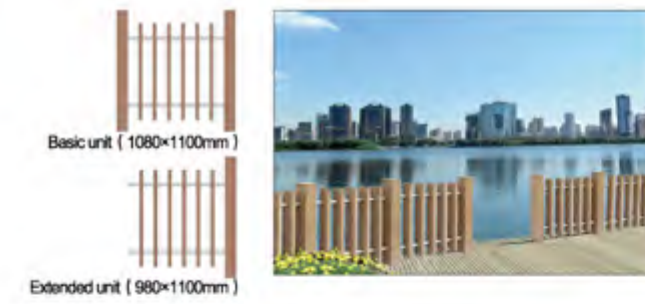
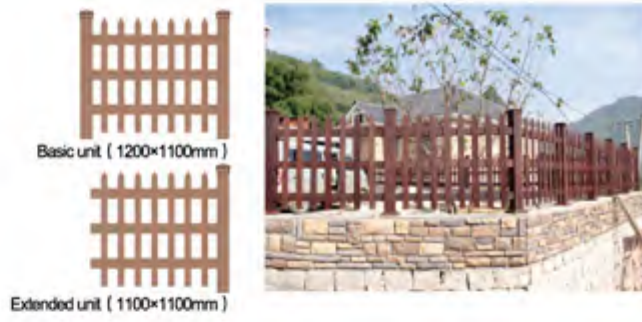
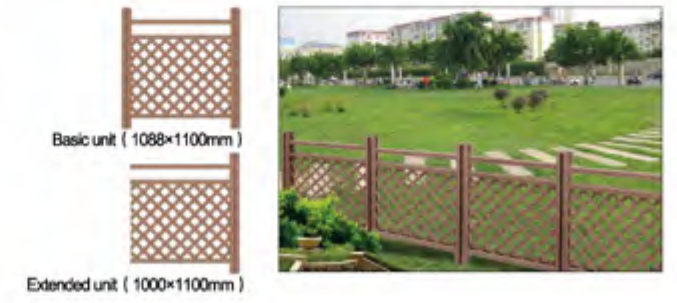
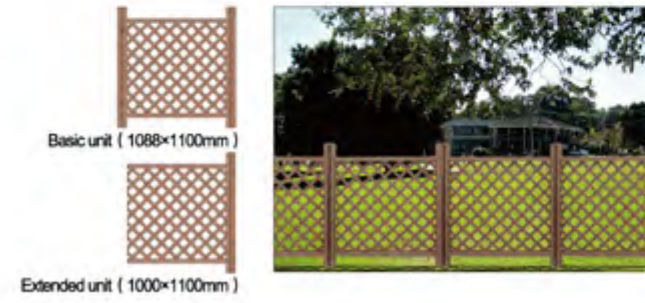
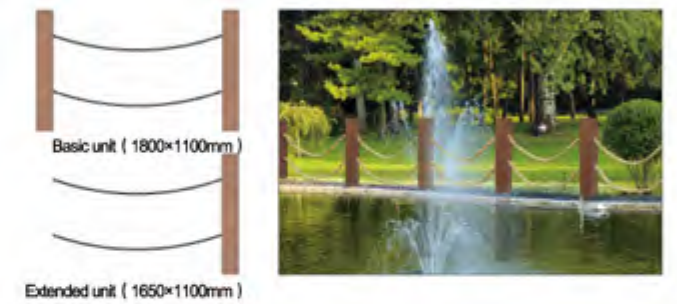
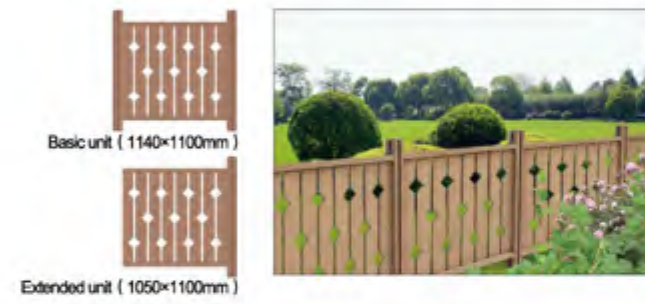
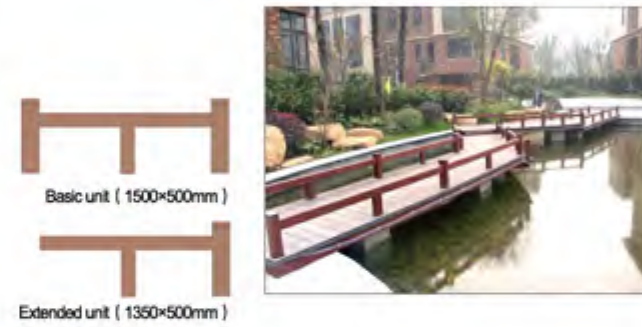
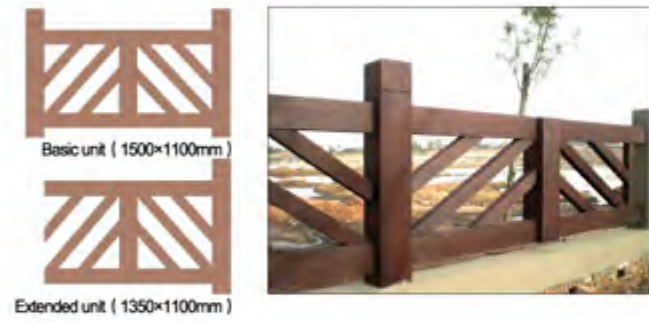


Post

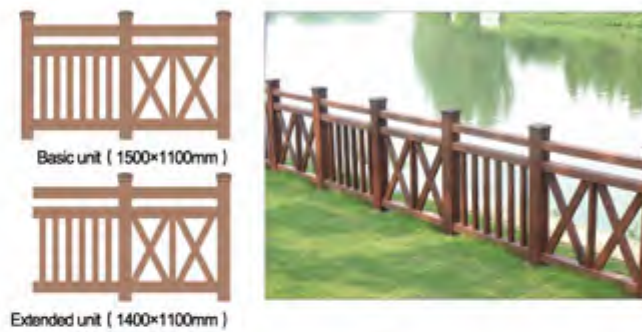


JJWOOD | Railing

JJWOOD series



*the wood-plastic used for shaping can be changed with aluminum alloy material.



Resin series

Ironwork series



* A variety of size and color for customer to choose from, or customize.





JJWOOD Brilliant Cladding



Parts List

-  **Plastic Pad**
18x8mm
-  **Cladding Clip**
27.8x14.6x20mm
-  **Cladding Starter Clip**
20.7x15.1mm

Drawing	Photo	Model	Size(mm)
		JM-3011	140x12.9
		JM-3009	72.7x72.7
		JM-3015	99x26.9
		JM-3016	57x46.9
		JM-3017	75x75

JJWOOD | Cladding JM-026



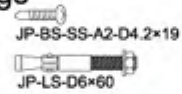
Parts List

Wall Panel



JM-026

Fittings



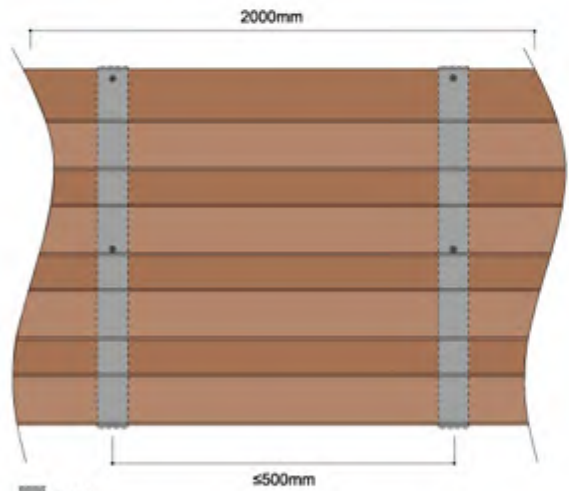
JP-BS-SS-A2-D4.2x19
JP-LS-D6x60

Keel Aluminum keel



JL-ALM4530-3000

Design Requirements



- keel
- keel gap below 500mm
- panel consumption qty: 6ps
- keel consumption qty: 2m.

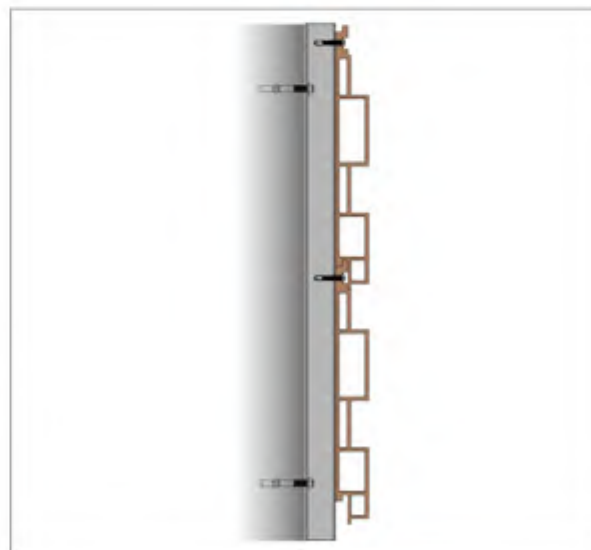
Component List

Parts	Model	Size(mm)	Qty
	JM-026	224x28x2000/3000	4/3
	JL-ALM4530-3000	45x30x3000	1/4

Fittings	Model	Size(mm)	Qty
	JP-BS-SS-A1-D4.2x19	Φ4.2x19	50/500
	JP-LS-D6x60	Φ6x60	50/500

Wall Panel Fixation

- Wall panels interlocking directly for simple installation.
- Then fasten on the keel with screw.



JJWOOD | Cladding JM-017



Parts List

Wall Panel



JM-017

Fittings



JP-TT55x30-70 JP-TT120x30-50 JP-TT120x30-70 JP-ALM3838-N

Screw
JP-BS-SS-A2-D4.2x19
JP-LS-SS-D6x65
JP-LS-SS-D8x65
JP-LS-D6x60

Keel Aluminum keel



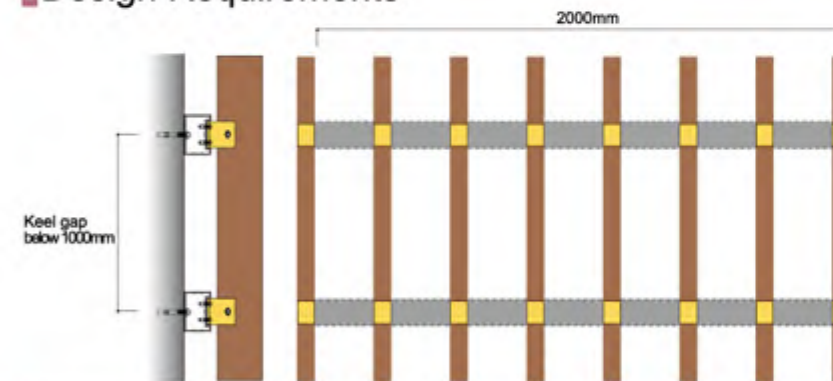
JL-ALM4530-3000

L Clip



JP-TT30x50-40

Design Requirements



- Keel Gap below 1000mm

- Clip
- keel

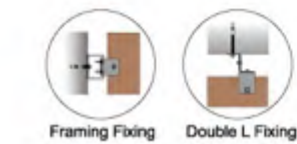
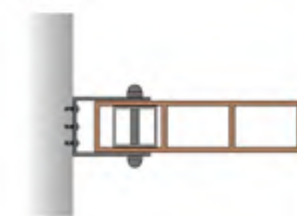
- Panel qty per m² about 7 pcs

- Clip Panel qty per m² about 14 pcs.

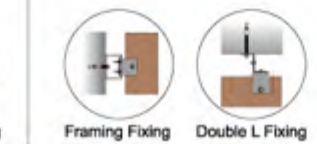
- Keel qty per m² about 2-3 m

Wall Panel Fixation

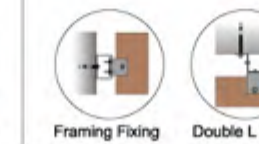
U Clip



L Clip



Tilted L Clip






Component List

Parts	Spec/size(mm)	Qty
	JM-017 (200x50x2000/3000)	3/2
	JL-ALM4530-3000 (45x30x3000)	1/4
	JP-TT55x30-70 (55x30x70)	50/500
	JP-TT120x30-50 (120x30x50)	50/500
	JP-TT120x30-70 (120x30x70)	50/500
	JP-ALM3838-N (38x38xN)	1/4
	JP-TT30x50-40 (30x50x40)	50/500
	JP-BS-SS-A2-D4.2x19 (Φ4.2x19)	50/500
	JP-LS-SS-D6x65 (Φ6x65)	50/500
	JP-LS-SS-D8x65 (Φ8x65)	50/500
	JP-LS-D6x60 (Φ6x60)	50/500

DECKING
FENCING
RAILING
CLADDING
DIY TILE
JAPANESE GARDEN PLATFORM
WPC GARDEN FURNITURE
OTHER PRODUCTS

JJWOOD | Cladding List

Material	Panel Material	WPC(Wood powder and Resin)
	Base Material	Aluminum alloy, Stainless iron, Anti-corrosion wood, WPC

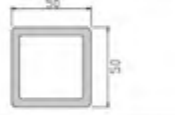



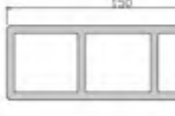

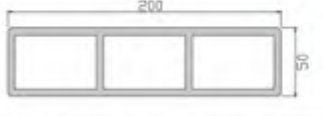

Color sample			
Color Color Code	Beige Y	Brown R	Gray G

Components

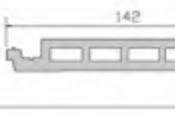
Wall Panel Component-Series No.30

Drawing	Component	Model/Color Code	Size(mm)	Qty
		JM-031-2000 <input type="checkbox"/>	60×30×2000	8
		JM-031-3000 <input type="checkbox"/>	60×30×3000	6
		JM-032-2000 <input type="checkbox"/>	100×30×2000	6
		JM-032-3000 <input type="checkbox"/>	100×30×3000	4
		JM-005-2000 <input type="checkbox"/>	145×30×2000	4
		JM-005-3000 <input type="checkbox"/>	145×30×3000	3

Wall Panel Component -Series NO.50

Drawing	Component	Model/Color Code	Size(mm)	Qty
		JM-029-2000 <input type="checkbox"/>	50×50×2000	8
		JM-029-3000 <input type="checkbox"/>	50×50×3000	6
		JM-001-2000 <input type="checkbox"/>	100×50×2000	4
		JM-001-3000 <input type="checkbox"/>	100×50×3000	3
		JM-030-2000 <input type="checkbox"/>	150×50×2000	3
		JM-030-3000 <input type="checkbox"/>	150×50×3000	2
		JM-017-2000 <input type="checkbox"/>	200×50×2000	3
		JM-017-3000 <input type="checkbox"/>	200×50×3000	2











Wall Panel Components - Other series

Drawing	Component	Model/Color Code	Size(mm)	Qty
		JM-003-2000 <input type="checkbox"/>	121×36×2000	4
		JM-003-3000 <input type="checkbox"/>	121×36×3000	3
		JM-011-2000 <input type="checkbox"/>	142×20×2000	4
		JM-011-3000 <input type="checkbox"/>	142×20×3000	3
		JM-033-2000 <input type="checkbox"/>	145×9×2000	6
		JM-033-3000 <input type="checkbox"/>	145×9×3000	4




		JM-026-2000 <input type="checkbox"/>	224×28×2000	4
		JM-026-3000 <input type="checkbox"/>	224×28×3000	3

Fittings


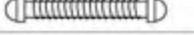
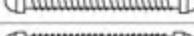
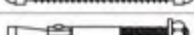

Fastening Clips

Shape	Application	Item	Model	Size(mm)	Qty (small pack/big pack)
	Panel: JM-029 JM-001 JM-030 JM-017	U Clip	JP-TT55×30-70	55×30×70	50/500
	Panel: JM-031 JM-032	U Clip	JP-TT35×30-39	35×30×39	50/500
	Panel: JM-005	U Clip	JP-TT35×30-66	35×30×66	50/500
	All wall panels replaceable of keels	L Clip	JP-TT30×50-40	30×50×40	50/500
	Panel: JM-031 JM-032	L Clip	JP-TT70×30-30	70×30×30	50/500
	Panel: JM-005	L Clip	JP-TT105×30-30	105×30×30	50/500
	Panel: JM-029 JM-001	L Clip	JP-TT70×30-50	70×30×50	50/500
	Panel: JM-030 JM-017	L Clip	JP-TT120×30-50	120×30×50	50/500
	Panel: JM-031 JM-032 JM-029 JM-001	Tilted L Clip	JP-TT60×30-50	60×30×50	50/500
	Panel: JM-005 JM-030 JM-017	Tilted L Clip	JP-TT120×30-70	120×30×70	50/500

Keel/Aluminum Alloy Square Tube

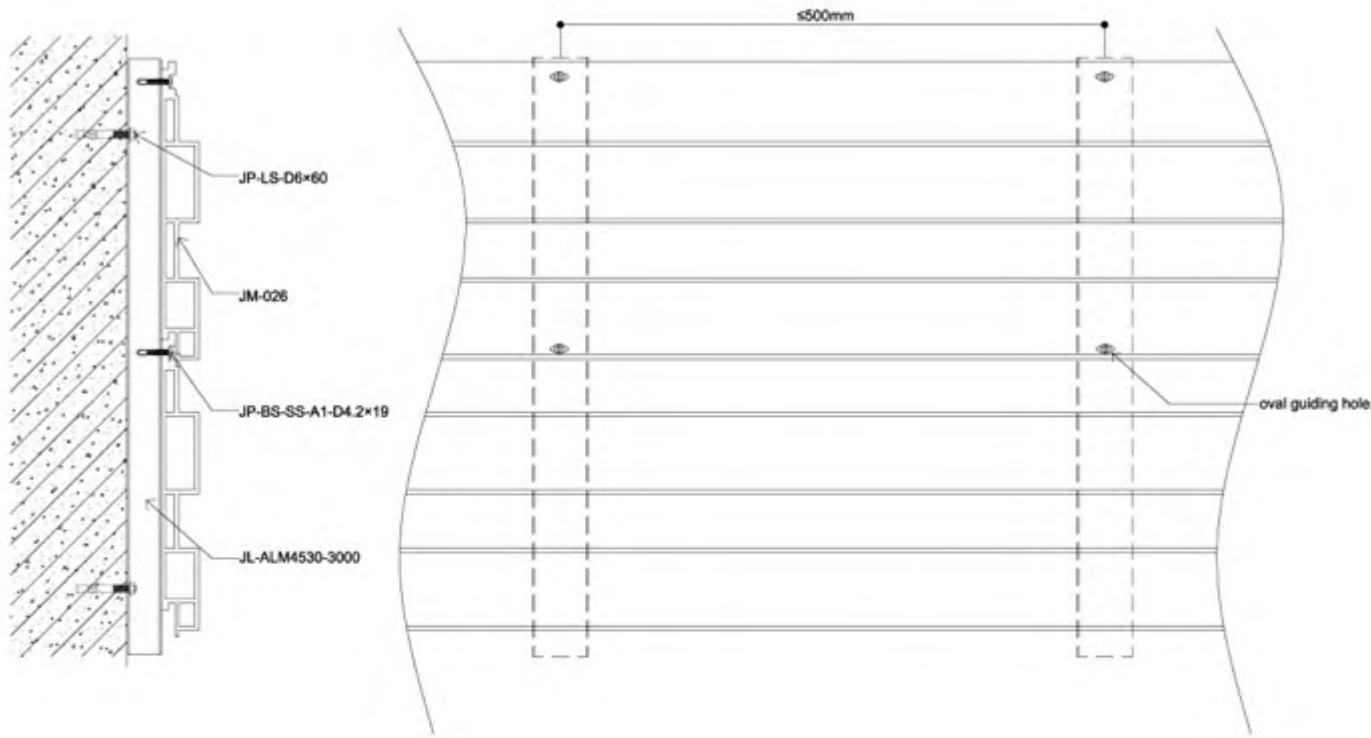
Shape	Application	Item	Model	Size(mm)	Qty (small pack/big pack)
	all wall panels	Aluminum keel	JL-ALM4530-3000	45×30×3000	1/4
	NO.50 Series Panel	Aluminium alloy tube	JP-ALM3838-N	38×38×N	1/4
	NO.30 Series Wall Panel	Aluminium alloy tube	JP-ALM1822-N	18×22×N	1/4

Screw

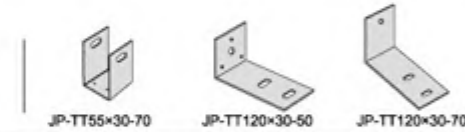
Shape	Application	Item	Model	Size(mm)	Qty (small pack/big pack)
	All wall panel series	Drilling screws with tapping screw thread	JP-BS-SS-A1-D4.2×19	Φ4.2×19	50/500
	All NO.30 wall panel series	Bolt	JP-LS-SS-D6×45	Φ6×45	50/500
	NO.50 Wall panel series L Clip/Tilted L Clip	Bolt	JP-LS-SS-D6×65	Φ6×65	50/500
	NO.50 Wall panel series U Clip	Bolt	JP-LS-SS-D8×65	Φ8×65	50/500
	All Wall Panel Series	Expansion Bolt	JP-LS-D6×60	Φ6×60	50/500

JJWOOD | Cladding List

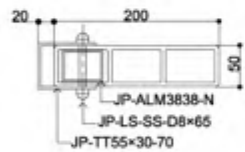
Wall Panel NO. JM-026



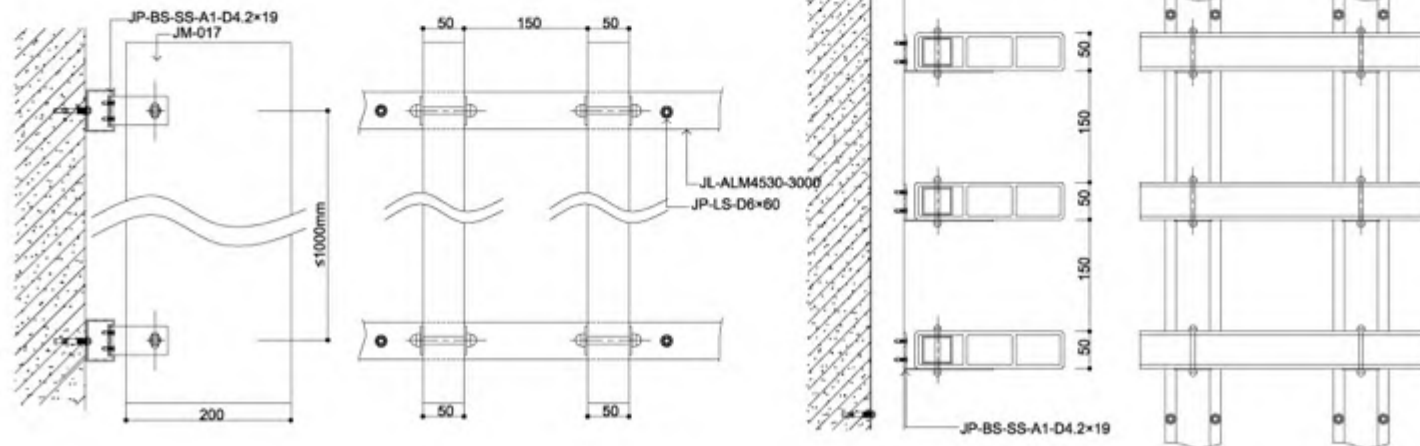
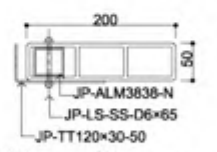
Wall Panel NO. JM-017



U Shape Fixing



L Shape Fixing (Tilted L shape fixing is similar)



Instructions on Installation

Attention

Of strict abidance.

Decking Installation.

1. Make sure water drainage is good and eliminate standing water under decking.
2. Drainage outlet must be lower than the bottom of the decking joist.
3. Direct downspouts and splash guards should be away from decking.
4. Enable the suitable clearance for expansion is above 2.5‰, i.e. for boards 2m long, leave a minimum space of 5mm between two boards placed end-to-end.
5. Keep the center distance between two decking joists is less than or equal to 350mm
6. Only use standard parts for installation.
7. The minimum required width-to-width gapping is 5mm to ensure good drainage and ventilation.
8. Minimum gap required is 10mm for decking abutting a building or structure wall.
9. A hole punched on the board must be 25mm away from the top of the board.
10. Avoid using fine nail gun to fasten the board.
11. Don't overexert by the electric drill when fastening screws or bolts, or may cause the cracks on the boards.

Installation of Fence and Wall Panels.

1. The upright post and the cross girder must be lined with aluminum alloy square pipe or square steel for fencing system, and needs to be fastened well with the ground or walls at the same time. In order to avoid distortion of the boards, make lining posts at 900mm intervals in each railing section.
2. Only apply standard screws and drilling in advance. The diameter of the drilling hole needs to be less than 3/4 of the diameter of the nails or screws.
3. Need to consider the materials' coefficient of thermal expansion of above 2.5‰ before install.
4. Avoid improper installations.

JJWOOD Brilliant DIY Decking

Co-extrusion Composite Tile



	Name	Size(mm)	Color	Packing Size (mm)	Product Weight (kg)
①			Silver Grey		
②	Co-extrusion Composite Tile (JJ-3030S4-TILE)	300×300×23	Teak	330×320×210 (10pcs)	1.02
③			Ipe		
④			Silver Grey		
⑤	Co-extrusion Composite Tile (JJ-3030S6-TILE)	300×300×23	Teak	330×320×210 (10pcs)	1.02
⑥			Ipe		
⑦			Silver Grey		
⑧	Co-extrusion Composite Tile (JJ-3030S8-TILE)	300×300×23	Teak	330×320×210 (10pcs)	1.02
⑨			Ipe		
⑩			Co-extrusion Composite Tile (JJ-6030S4-TILE)		

JJWOOD I DIY Decking

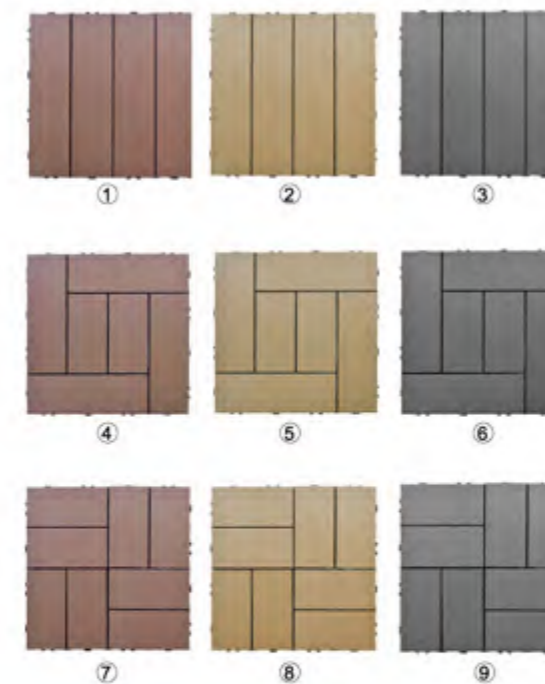
Integrated DIY Tile



List

	Name	Size(mm)	Color	Volume(m ²)	Product Weight(kg)
①	Intergrated DIY Tile	310×310×33	Brown	0.012 (6pcs)	0.90
②	Intergrated DIY Tile	310×310×33	Yellow		
③	Intergrated DIY Tile	310×310×33	Grey		

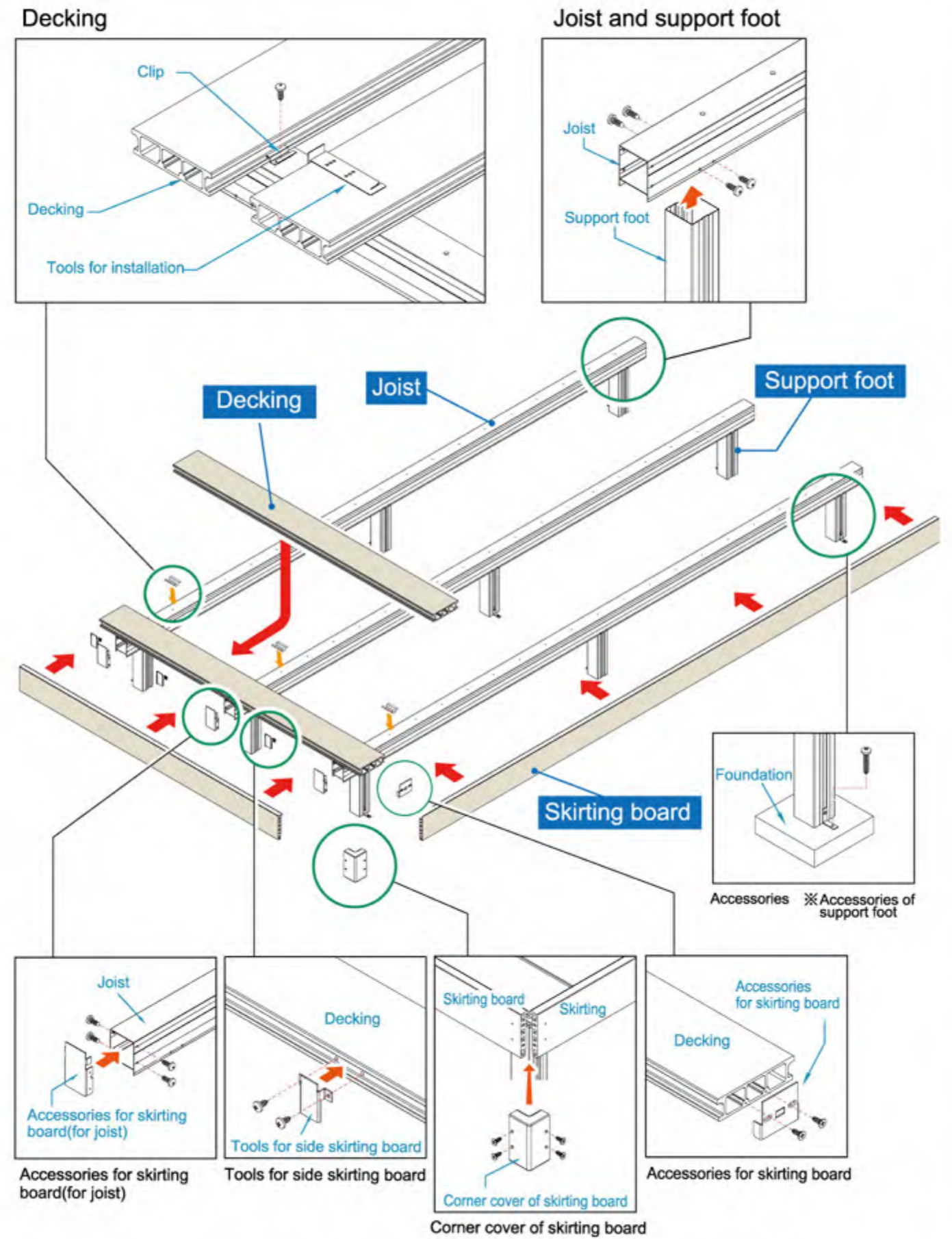
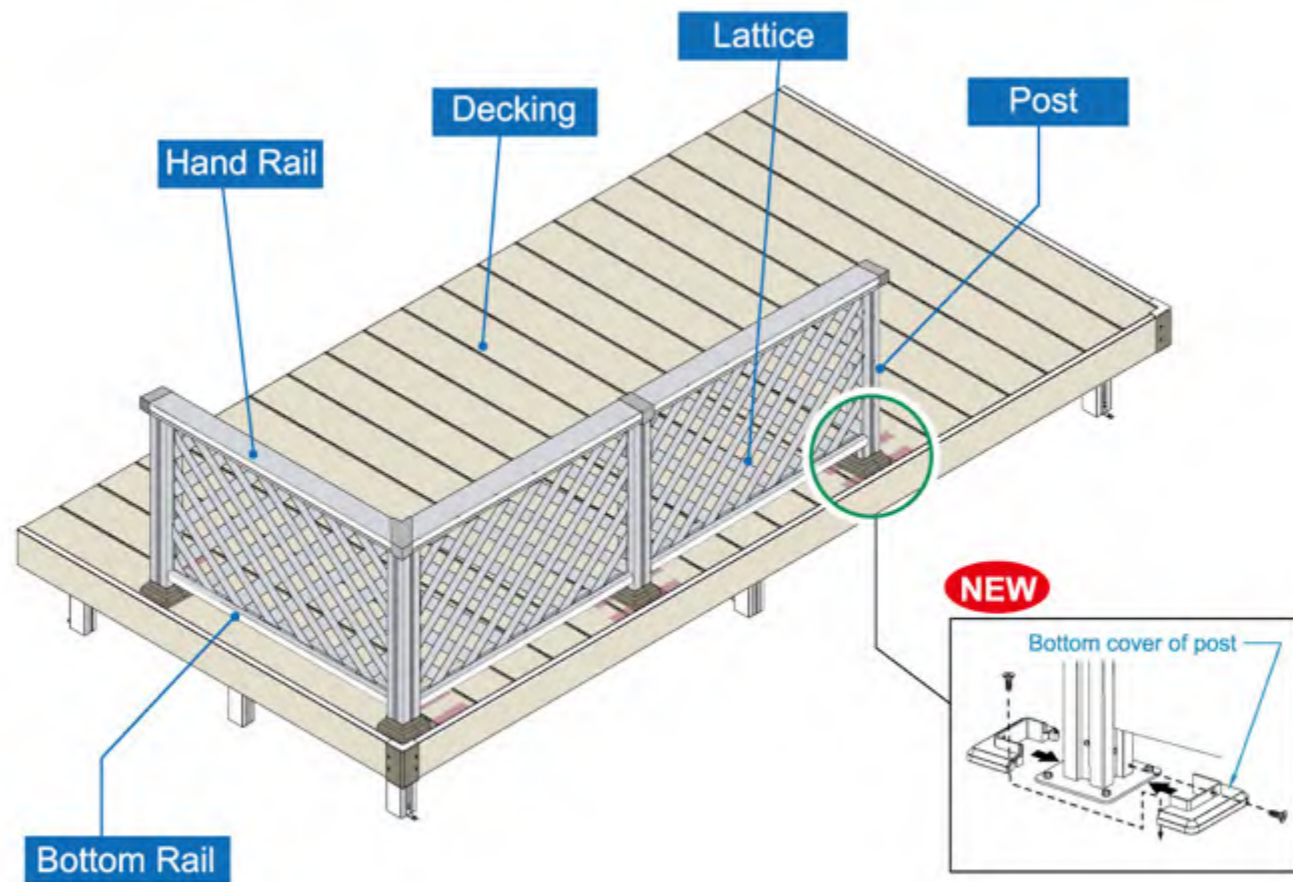
DIY Tile With 4-Way Locking System



	Name	Size(mm)	Color	Packing Size (mm)	Product Weight (kg)
①	Four-strip Type	300×300×50	Brown	/	1.30
②			Beige		
③			Grey		
④	Six-strip Type	300×300×50	Brown	/	1.30
⑤			Beige		
⑥			Grey		
⑦	Eight-strip Type	300×300×50	Brown	/	1.30
⑧			Beige		
⑨			Grey		



JJWOOD II Japan Platform



JJWOOD II Outdoor WPC Garden Furniture



List

	Name	Size(mm)	Color	Packing Size(mm)	Product Weight(kg)
①	WPC Twin Seat	1220×570×840	Deep Tea & Anthracite Grey	1290×530×130 (1pcs)	9.35
⑥			Chocolate & Flash Silver Grey		
②	WPC Armchair	600×570×840	Deep Tea & Anthracite Grey	650×530×180 (1pcs)	8.97
⑦			Chocolate & Flash Silver Grey		
③	WPC Bench	1200×340×425	Deep Tea & Anthracite Grey	1175×420×88 (1pcs)	7.45
⑧			Chocolate & Flash Silver Grey		
④	Outdoor WPC Rectangular Table	1440×715×725	Deep Tea & Anthracite Grey	1465×725×108 (1pcs)	21.25
⑨			Chocolate & Flash Silver Grey		
⑤	Outdoor WPC Square Table	715×715×725	Deep Tea & Anthracite Grey	740×720×130 (1pcs)	12.04
⑩			Chocolate & Flash Silver Grey		

- Easy to Installation
- Co-extrusion WPC Panels Have Better Water and Stain Resistance
- Inner Aluminum Post Makes the Panels Tighter
- Produced by 100% Japanese Owned and Operated Factory



Picnic Table



List

	Name	Size(mm)	Color	Packing Size(mm)	Product Weight(kg)
①	WPC Bench 9090	1800×1384×725	Deep Tea+Anthracite Grey	1810×678×80(1/2pcs)	50.90
②			Deep Tea+Deep Tea	1840×355×125(2/2pcs)	



List

	Name	Size(mm)	Color	Packing Size(mm)	Product Weight(kg)
①	WPC Bench 9090	900×900×396.5-436.5	Light Tea	905×905×115 (1pcs)	20.80
⑤			Deep Tea		
②	WPC Bench 1890	1800×900×396.5-436.5	Light Tea	905×905×115 (1/2pcs) 905×905×115 (2/2pcs)	40.50
⑥			Deep Tea		
③	WPC Bench 1536	1500×360×400	Light Tea	1510×385×115 (1pcs)	14.20
⑦			Deep Tea		
④	WPC Bench 1836	1800×360×400	Light Tea	1810×385×115 (1pcs)	16.50
⑧			Deep Tea		

JJWOOD | Other Products



List

	Name	Size(mm)	Color	Packing Size(mm)	Product Weight(kg)
①	Flower Box with Screen	560×952×40	Deep Tea	965×570×50 (1pcs)	12.55
②	Flower Box with Screen	560×1228×40	Deep Tea	1240×570×50 (1pcs)	14.25
③	Flower Box with Screen	560×1506×40	Deep Tea	1520×570×50 (1pcs)	16.05
④	Flower Box with Screen	720×952×40	Deep Tea	1005×730×50 (1pcs)	14.50
⑤	Flower Box with Screen	720×1228×40	Deep Tea	1240×730×50 (1pcs)	17.75
⑥	Flower Box with Screen	720×1506×40	Deep Tea	1520×730×50 (1pcs)	20.15



List

	Name	Size(mm)	Color	Packing Size(mm)	Product Weight(kg)
①	Air-conditioner Cover	1000×800×40	Grey	1010×820×70 (1pcs)	8.90
②	Air-conditioner Cover	1000×800×40	Grey	1010×805×70 (1pcs)	10.50

WPC Pergola



List

	Name	Size(mm)	Color	Packing Size(mm)	Product Weight(kg)
①	WPC Pergola	3048×3048×2835	Grey	3120×480×860(1pcs)	530KG



List

	Name	Size(mm)	Color	Packing Size(mm)	Product Weight(kg)
①	PVC Garden Edging (Double Embossed)	75×5×6000	Coffee	360×360×320 (4pcs)	2.30
		114×5×6000	Coffee	360×360×600 (5pcs)	3.50
		150×5×6000	Coffee	360×360×320 (2pcs)	4.60
②	U-pin for PVC Garden Edging	200×15	Coffee	—	0.04
③	U-pin for PVC Garden Edging	300×15	Coffee	—	0.06