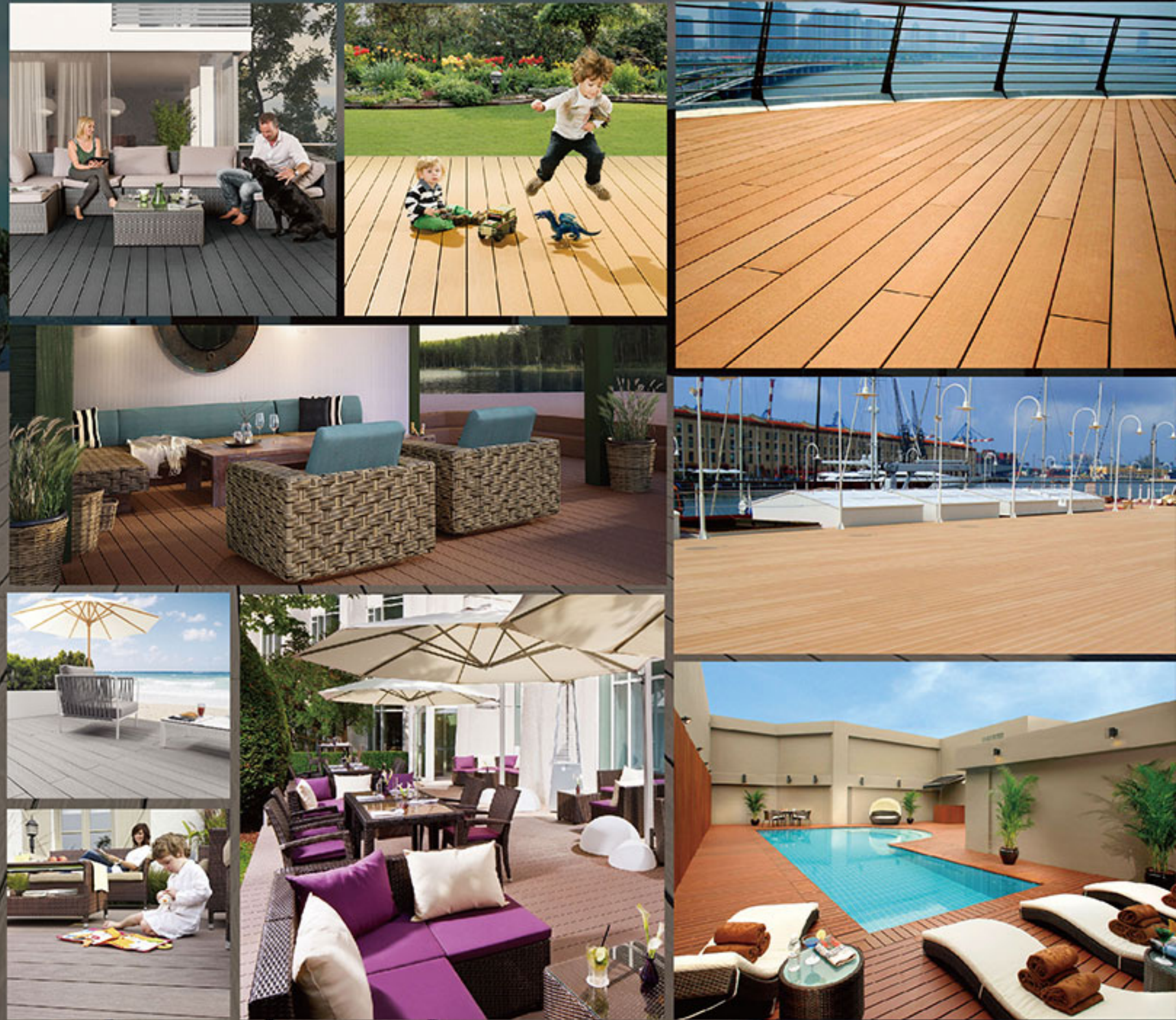# What's the application of WPC decking ?

In generally, WPC decking can be applied for almost every field of outdoor floor decoration, such as riverside plank, playground, walking street, living balcony, terrace, platform, swimming pool surrounding,etc. It can be said as a comprehensive building material.
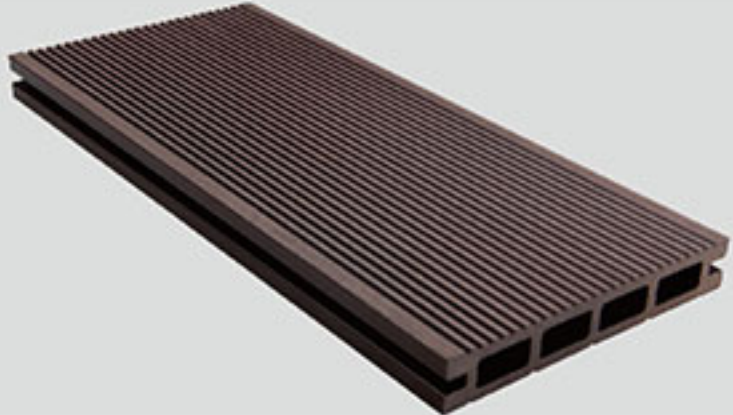
EXCELLENT FEATURES

NATURAL - LIFE - SAVE WORRY
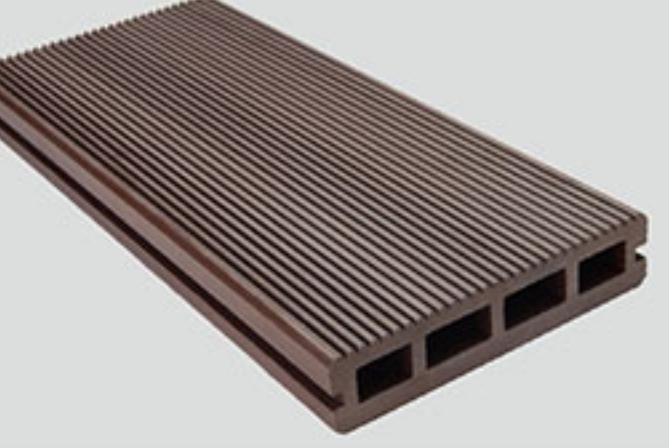
What's the features of ▮▮▮▮▮ WPC decking?

▮▮▮▮ Deck is produced from Wood Plastic Composite (WPC) which is manufactured by an extrusion process using a mix of recycled plastic and hardwood with various bespoke additives.
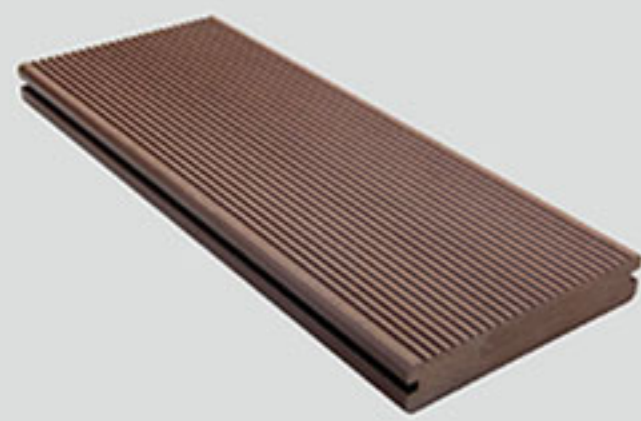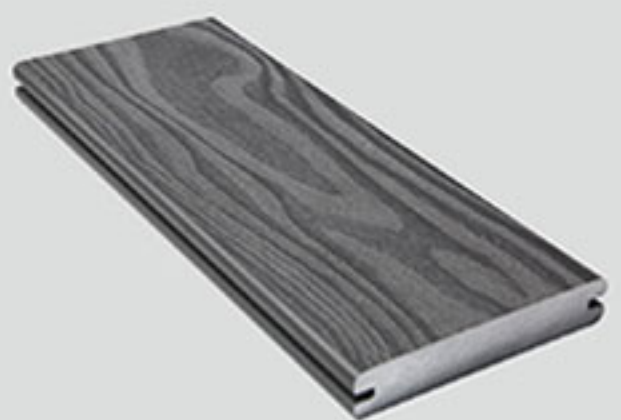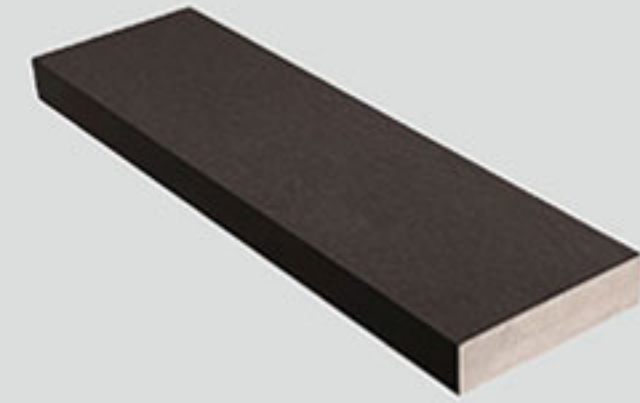
WPC is an immensely versatile material which combines the tranditional appearance of timber with durability and resilience of an engineered composite.

- 100% recycled ,environmentally friendly
- Look and feel like real wood
- Anti-UV, anti-impact, anti-moisture and termites
- Service life time is 5-10 times longer than wood products
- Easy installation
- Offers a soft, splinter-free finish that's comfortable underfoot
- Waterproof, resistant to salt water corrosion
- Fade & stain resistant
- Will not warp rot or split
- Mold & mildew resistant
- High environmental adaptability, suitable for the wet places, ideal for marina.

HOLLOW WPC DECKING

		TW-02 150x25mm			**TS-04** 200x25mm
		TW-02C 150x25mm			**TS-05** 200x25mm
		TS-01 150x25mm			**TW-K01** 150x35mm
		TS-02 140x25mm			**Co-extruded Decking** **CO-04** 157x22mm
		TS-03 150x25mm			**Co-extruded Decking** **CO-05** 200x24mm

SOLID WPC DECKING

		Co-extruded Decking **CO-03** 138x23mm			**TS-06** 200x25mm
		CD-01 140x21mm			**TH-16** 134x24mm
		CD-03 140x25mm			**TW-K03** 150x25mm
		TW-K02 138x26mm			**CD-02** 140x30mm
		TH-09B 134x24mm			**TH-36** 100x25mm

COLOR CHOOSE

Based on various market research, ____ has concluded the most popular colors of top 6, and they belong to cedar, red pine, red wood, gray, blue gray and coffee. Besides, ____ R&D experts have developed brand new art color, which can satisfy the personal requirements.

Cedar   Red Pine   Red Wood

Gray   Blue Gray   Coffee
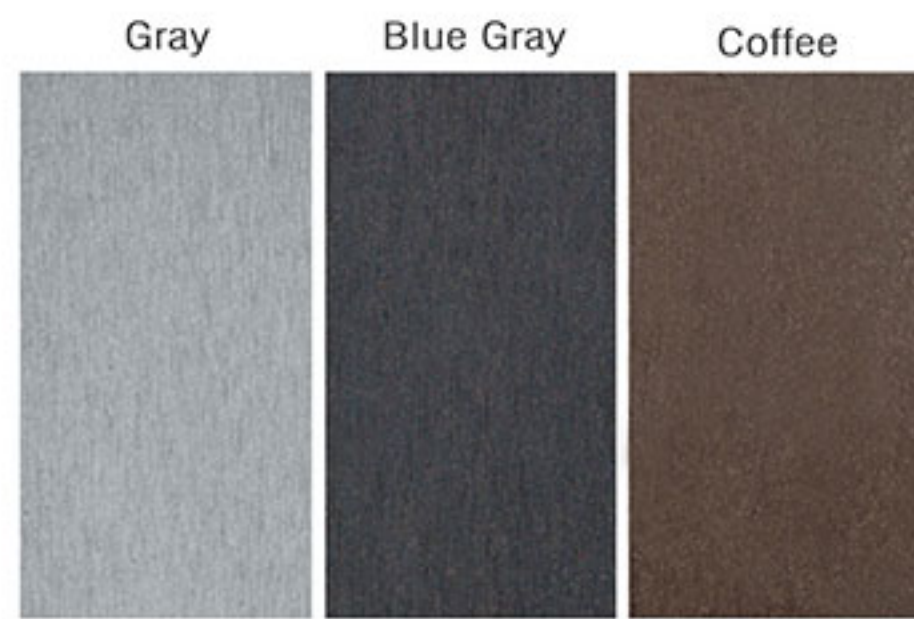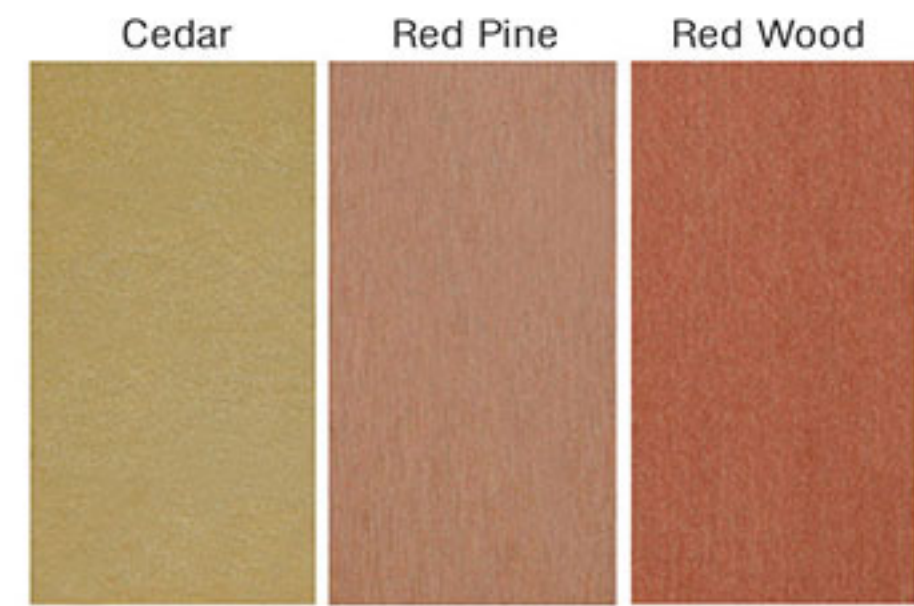
Red Pine [Art Color]   Red Wood [Art Color]   Cedar [Art Color]

Light Gray [Art Color]   Brown [Art Color]

There are different kinds of surface treatments for ████ production, including 3D embossing, groove, sanding, embossing.

3D Embossing
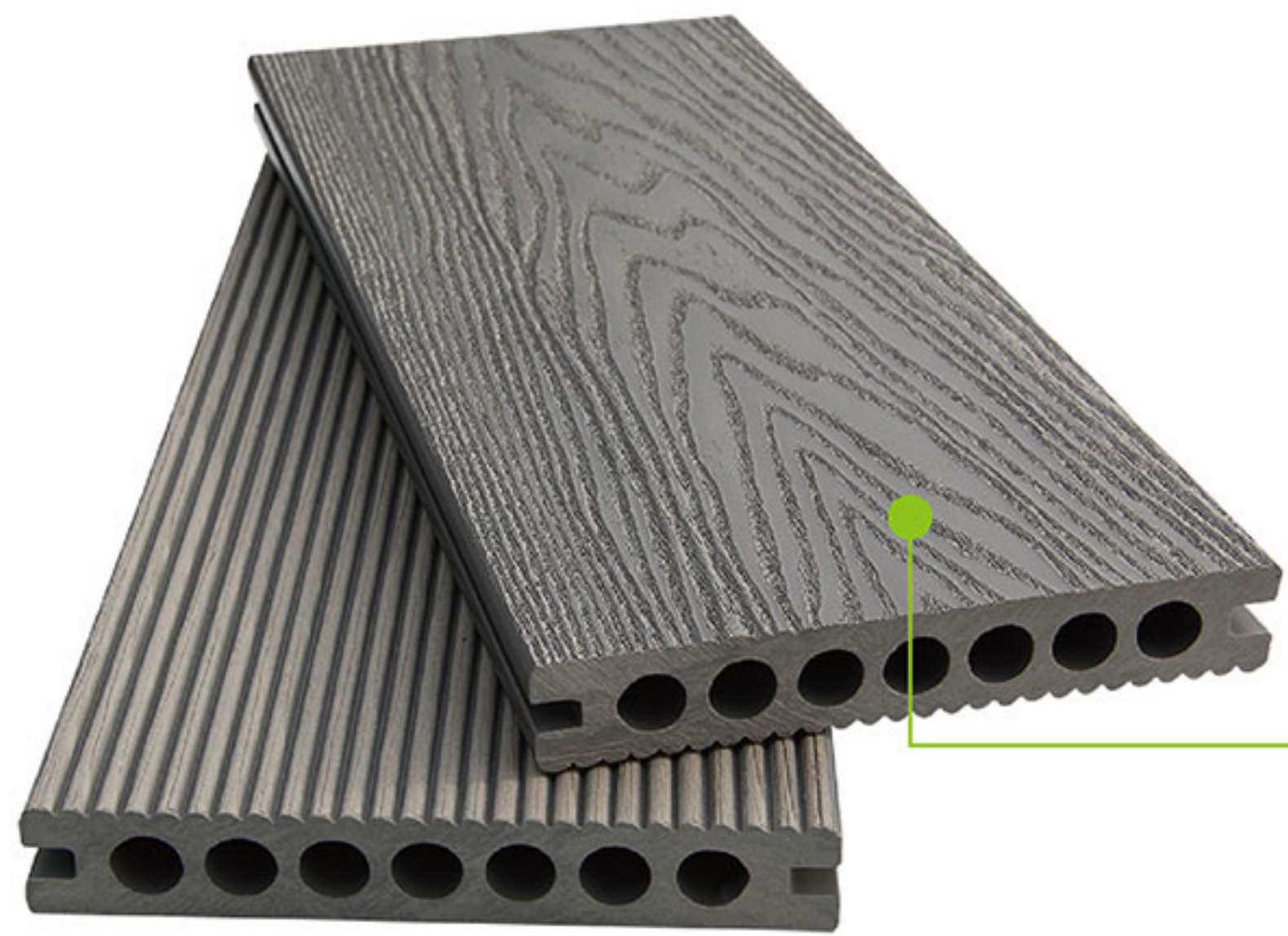
Modern
3D Embossing

Classical
3D Embossing

Retro
3D Embossing

Fashion
3D Embossing

Sanding

Groove

Groove-1	Groove-2	Groove-3	Groove-4
Groove-5	Groove-6	Groove-7	Groove-8
Groove-9	Groove-10	Groove-11	Groove-12

Embossing

Cluster shape (Natural wood grain)

Fish shape (Natural wood grain)

Wave shape (Natural wood grain)

PROJECTS SHOW

WPC DECKING FLOOR
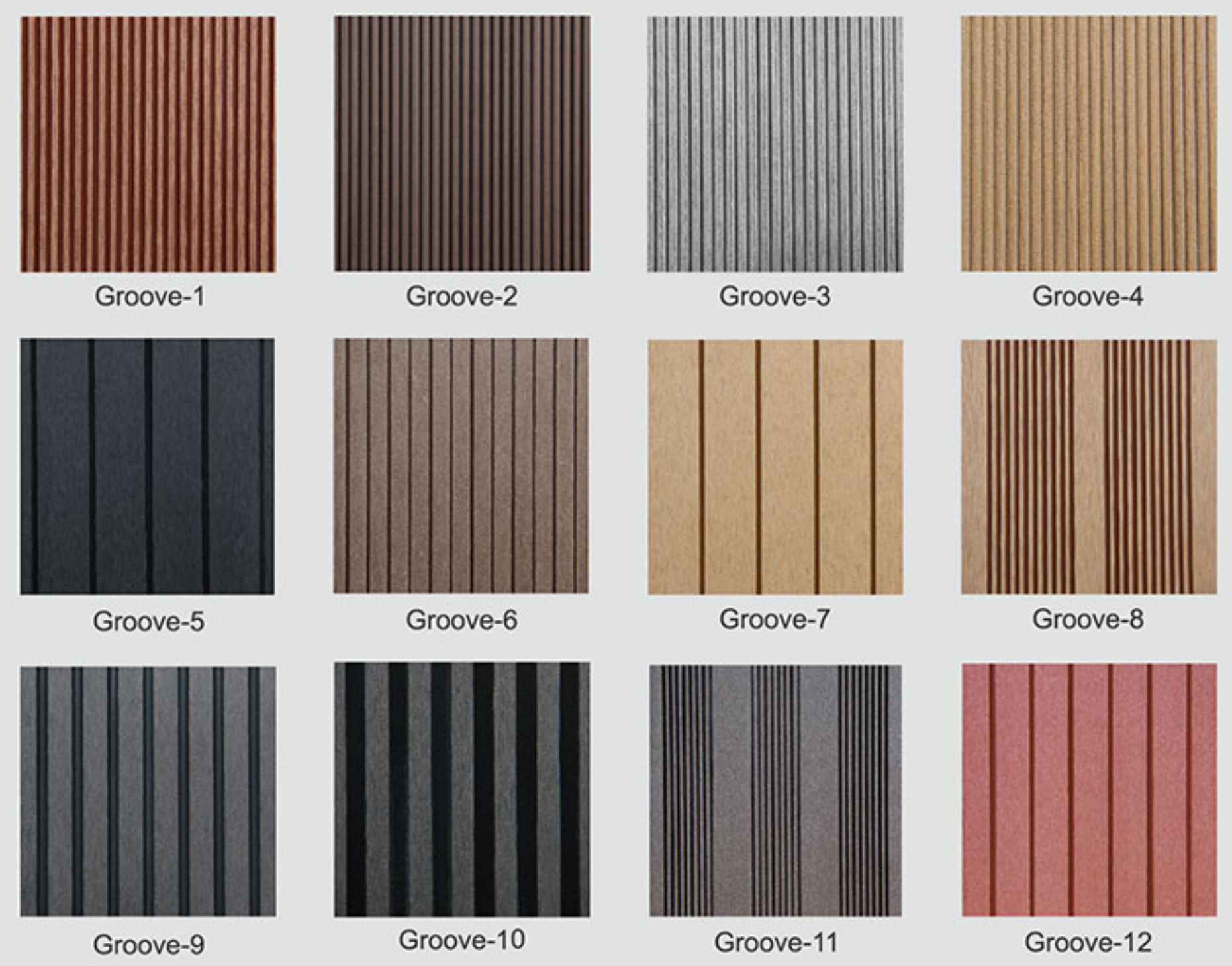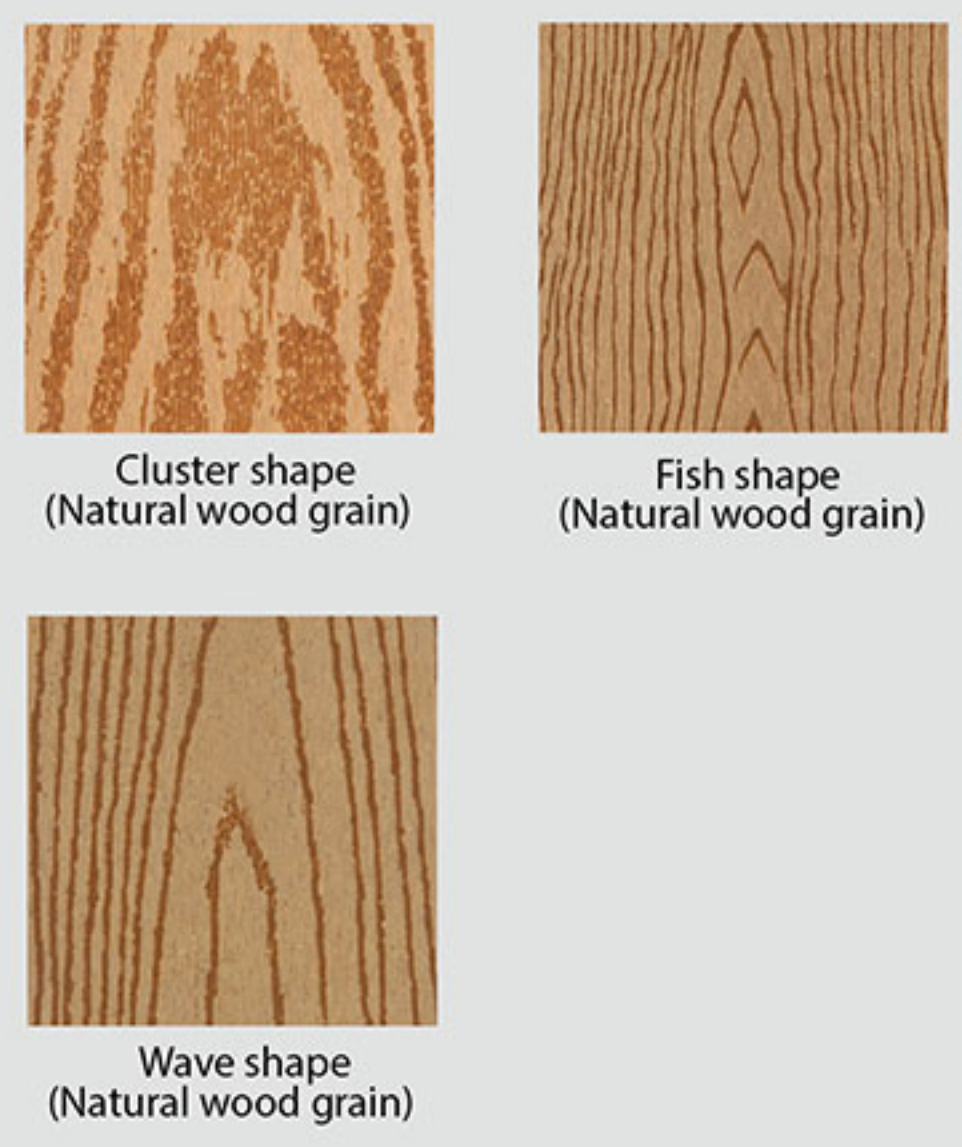
Installation & Instruction

Tools & Accessories

Chainsaw   Tape measure   Drill   Level   Gas Nailer   Joist   Clip   SS screw   Dovetail nails   L-Corner

Summary

1. Put two deck boards abreast;

2. Put long bar tie plate upright under the boards, put one bar every 25-35cm(According to the plank which be selected)

3. Then put one fixing stud, and between two board's channel;

4. Last put one screw in the fixing stud, and then screw down fast. Making fixing stud and tie plate connection fast.
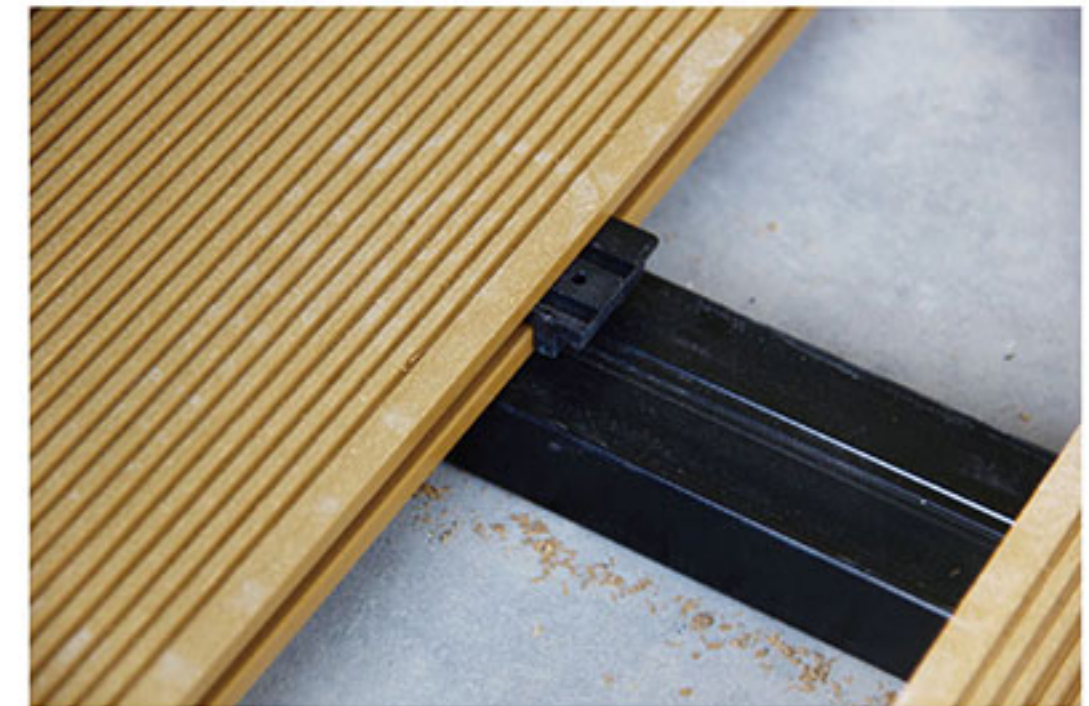
Fix the joist

- Keep the space between joist and metope at least 10 mm for expansion joints.
- Ensure the ground is smooth and solid.

Fix the starting clips

Using the screws to fix the starting clips one the joist. and then install the first WPC decking.
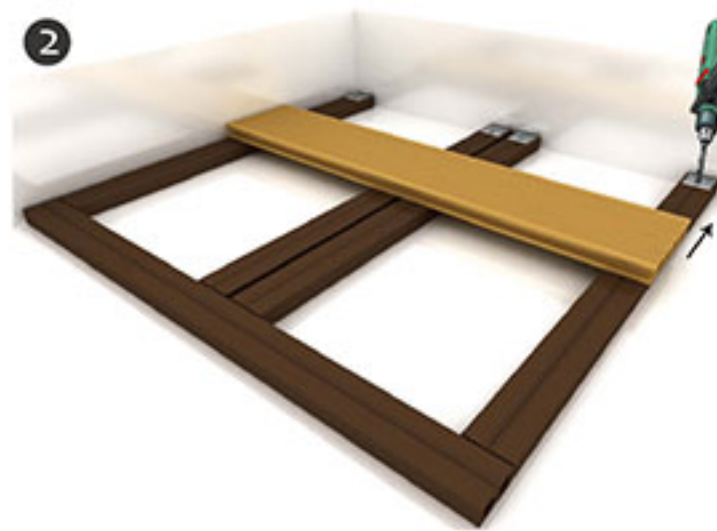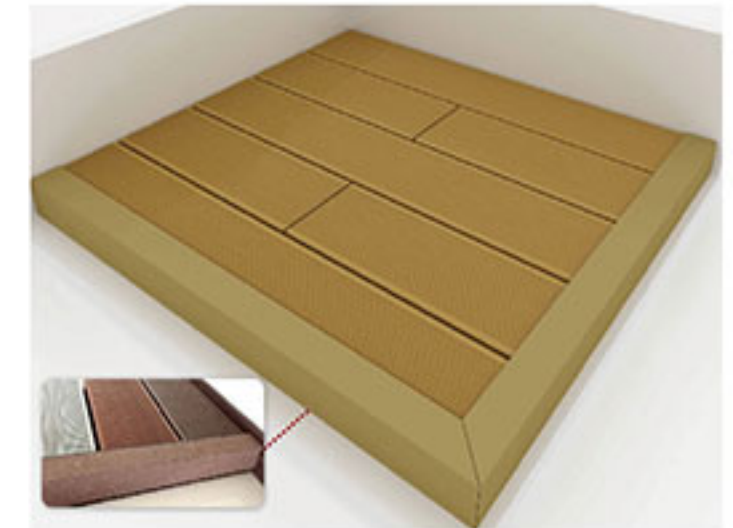
Fix the plastic clips

Installing the WPC decking one by one.

Please note that:

The plastic clip must be perpendicular to the joist when installing.

Install the L-Corner

At the junction of two places, the L-Corners were respectively cut along the 45° angle.

Installation finished
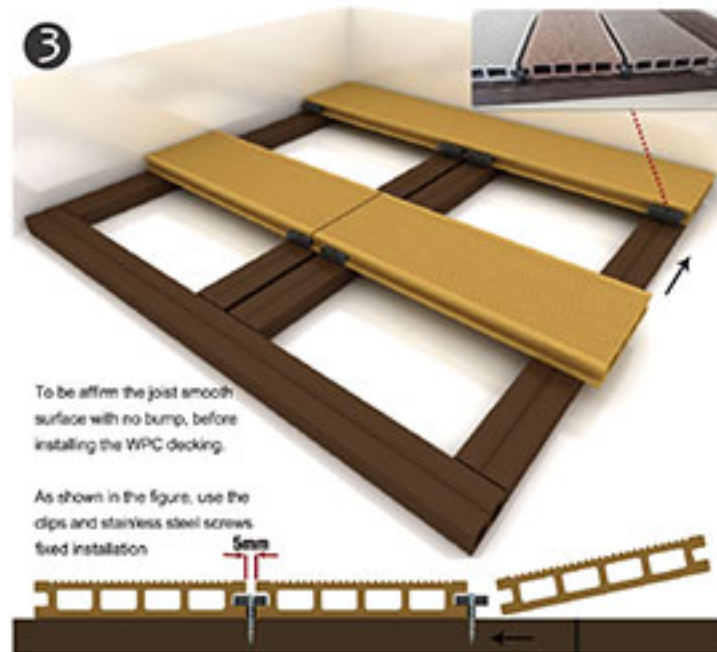
Project details pictures.

WPC
WALL CLADDING

For
Commercial
And
Residential
...

- **Landscape**
- **Architecture**
- **Industrial**
- **Nautical**

WPC WALL CLADDING

Wood-plastic Composite (WPC) hard decking material is manufactured from a combination of plastic (RESIN), natural fiber and some additives (eg.anti-uv, anti-ageing) and use special equipments to blend them. It mixes natural fiber and plastic perfectly to keep the natural impression of wood and with rich colors of plastic. It has gradually replaced wood and plastic, getting widely used in more and more fields.

OUT DOOR DECORATION

WPC Wall Cladding

EXCELLENT FEATURES

NATURAL - LIFE - SAVE WORRY

Comparing timber with ▮▮▮▮ Wood composite product. after two years of time-tested about water(rain), climate(hot-cold), UV-arrounding(sunshine) and moth-eaten, you can see the real picture show. The WPC still keep their excellent performance. But the Timber have become crack, fade, moth-eaten, aging and rotten.

With scientific mixture of materials and advanced techniques, the WPC is a perfect composite combined by natural fabrics and plastic. Its properties are outstanding: high strength, high stiffness, anti-acid & alkali, erosion-proof, non-distortion, formaldehy deexcluded, easy to recycle, etc. And it can be made into various of sections and natural feature of timber , At the same time, the disadvantages of timber, like cracking, moth and weakness in durability, are all overcomed by the use of WPC. Furthur more, the outstanding properties of WPC make it unnecessary to paint and maintain. In China, we take the lead in developing WPC for land-scape architecture.

Keep the excellent character of plastic	Have the properties of wood	Produce fire-new WPC
Weatherproof	Easy to cut, fix and glue	Can be recycled with 100%
No crack, split, warp, or splinter	Easy to tenon, drill and nail	No sting or wood
High dimensional stability	Natural feeling	Requires less routine maintenance
Resistance to insects	Resistance to UV	Environmental friendly
Easy to manufacture manifold profiles	Innocuous	Multicolor, and needn't to paint

What's the advantages of ▭ WPC wall cladding?

Wpc cladding powerful force that it can adapt to the application in the commercial building sector, a waterproof, moisture, insects, termite characteristics and plasticity, can be very simple personalized style, fully embodies the personal style, especially its ultra fire performance (indoor saving up to 30%) it has a unique advantage.

Coowin wpc cladding to the best face to show in front of customers, regardless of appearance or packaging are sure to achieve excellence, each product is a work of art, through rigorous quality testing, environmental protection, pollution.

WPC Wall Cladding Catalog

No.	Item	Section Size (Width x Thickness)	Picture	Profile	Loading quantity /20FT	No.	Item	Section Size (Width x Thickness)	Picture	Profile	Loading quantity /20FT
1	TF-04N	140x21mm			about 8000m (960m2)	7	CW-02 3D Wood Grain	157x21mm			about 7000m (940m2)
2	TF-04E	140x21mm			about 8000m (960m2)	8	TF-04D	185x30mm			about 6000m (1000m2)
3	TF-04W	157x21mm			about 7000m (940m2)	9	TH-50	245x23mm			about 3300m (850m2)
4	TF-04K	157x21mm			about 7000m (940m2)	10	TH-05	139x9mm			about 15000m (1800m2)
5	CW-01	150x21mm			about 8000m (1000m2)	11	TH-05C	140x13mm			about 10000m (1400m2)
6	TF-04S	150x21mm			about 8000m (1000m2)	12	TH-10	124x23mm			about 7000m (850m2)

COLOR CHOOSE

Based on various market research, [   ] has concluded the most popular colors of top 6, and they belong to cedar, red pine,red wood, gray,blue gray and coffee. Besides, [   ] R&D experts have developed brand new art color, which can satisfy the personal requirements.

Cedar Red Pine Red Wood

Gray Blue Gray Coffee
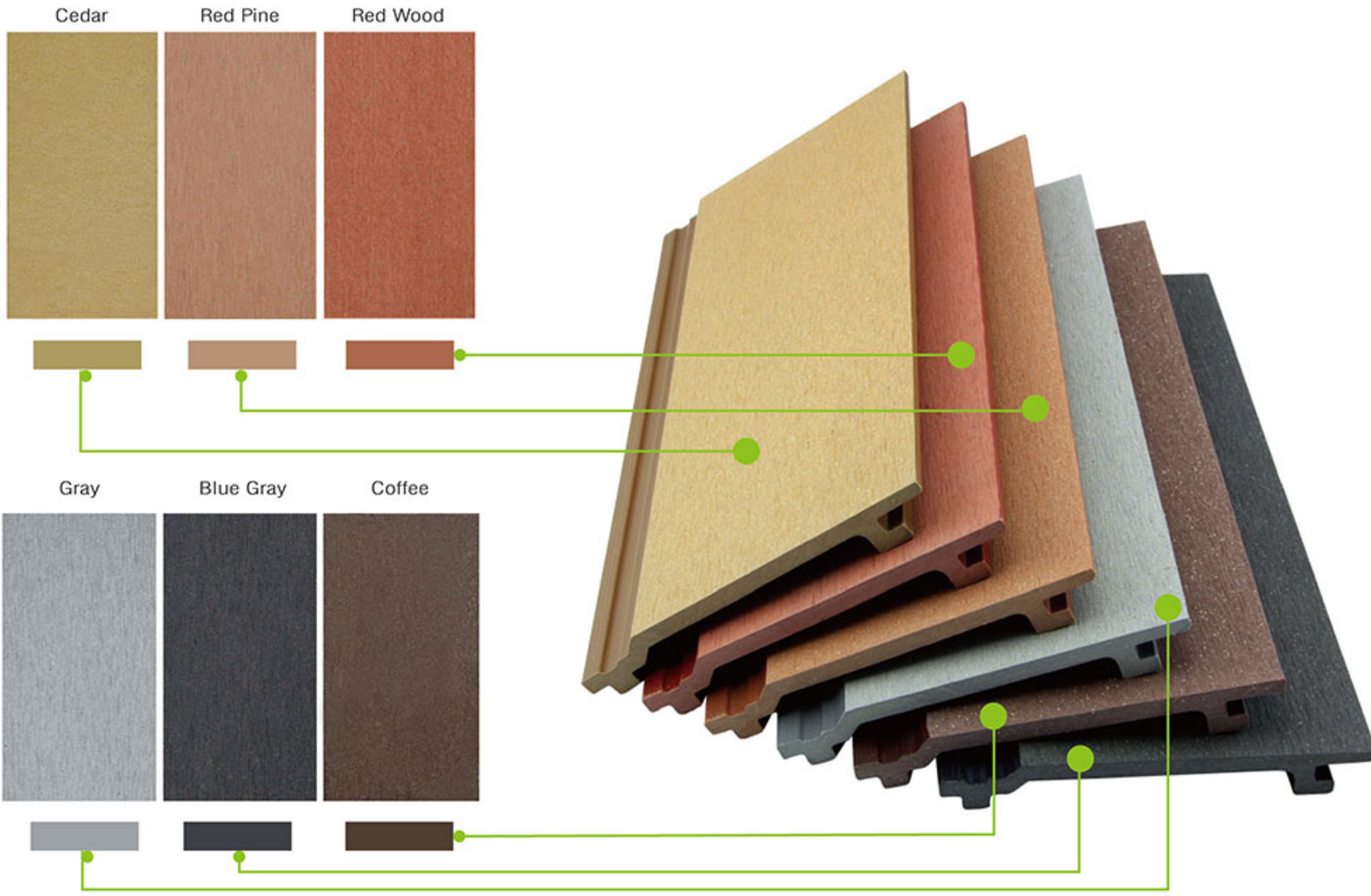
After 3D Embossing

Art Color

Red pine Red wood Cedar Light Gray Coffee

After Sanding

Art Color

Cedar Red pine Red wood Light Gray Red Brown

There are different kinds of surface treatments for ▓▓▓▓▓ production, including 3D embossing, groove, sanding, embossing.

SURFACE CHOOSE

3D Embossing

Modern
3D Embossing

Classical
3D Embossing

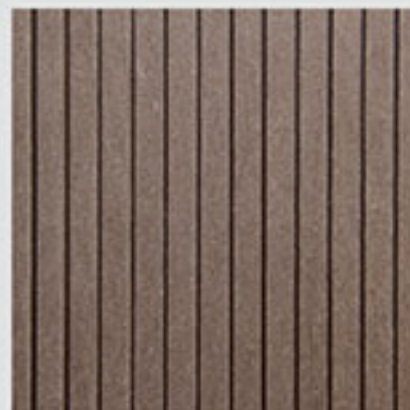Retro
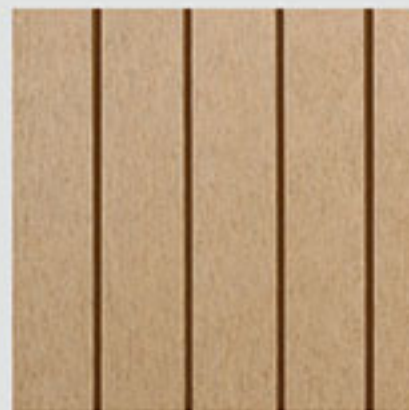3D Embossing

Fashion
3D Embossing

Sanding

Groove

Groove-1

Groove-2

Groove-3

Groove-4

Groove-5

Embossing

Cluster shape
(Natural wood grain)

Fish shape
(Natural wood grain)

Wave shape
(Natural wood grain)

Summary

Before we install the wall cladding , the joist must be installed first.Because we need to fix the wall cladding on the joist.(If the aluminum or steel frame as the joist is also okay) Of course, you can install the wall panel on the wall directly, but it need to be allowed by the architect.

Then span of every two joists is normally 300 mm .

Installation & Instruction

Tools & Accessories

Chainsaw Tape measure Drill Level Gas nailer Joist SS screw Starting clip Dovetail nails L-corner

Wall Cladding TF-04K(157x21mm) Installation.

Confirm the metope is flat.

Fix Joist with Expansion screw. The space between two joists should be no more than 30cm.

1
2
3
4

Expansion screws

·Fixed the joist with expansion screws.
·Every ad meters as expansion screw.

about 30 cm
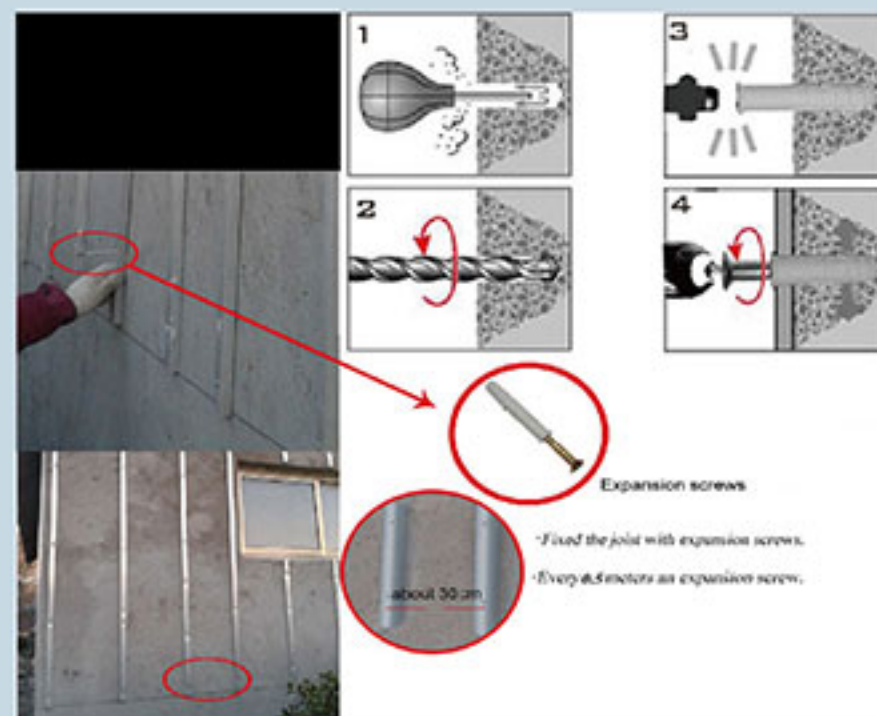
Install the starting clip in the bottom of the joist.

According to the design of the wallpanel peg graft, it can be installed quickly from bottom to top.

Except the bottom layer of the wall panel needs the starting clips, the other parts wall panel requires only screws.
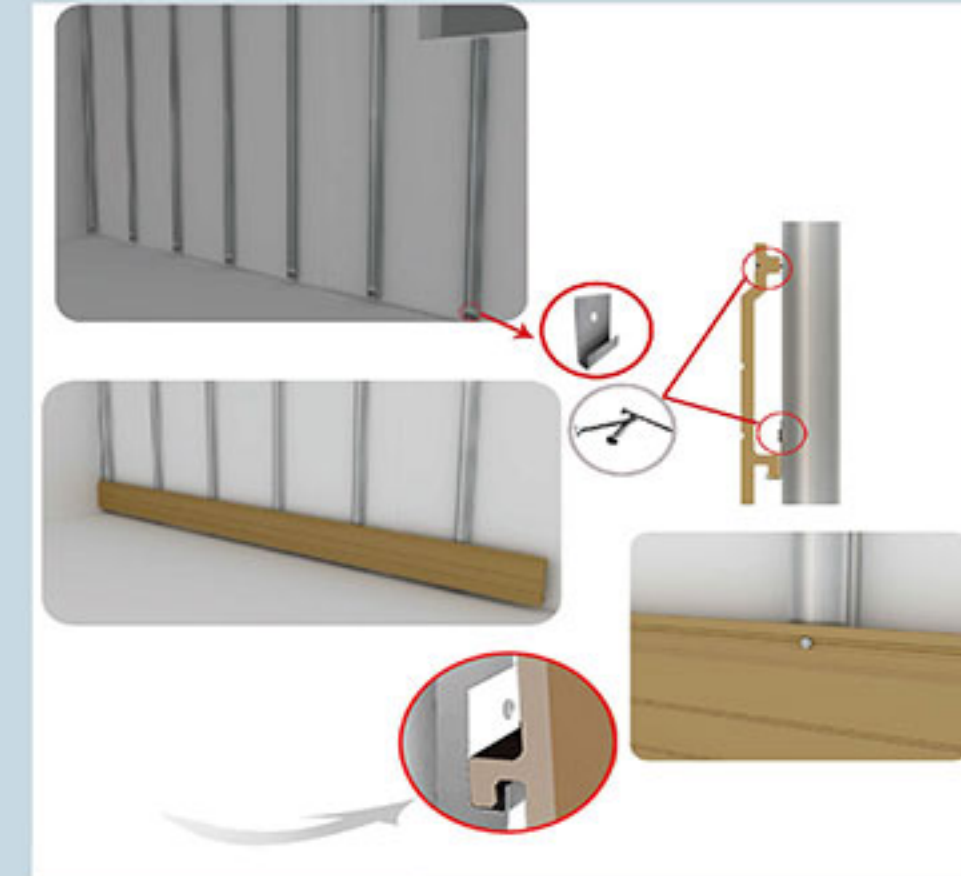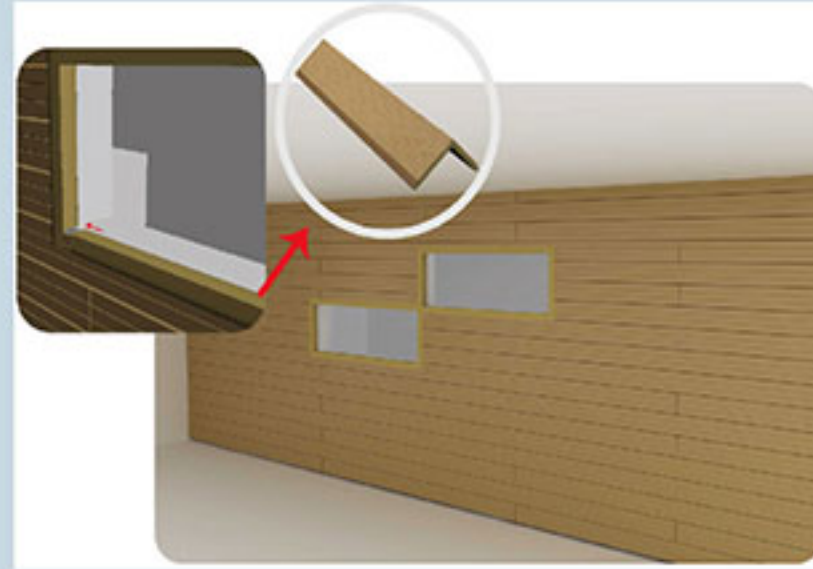
When encounter the windows installing, the installation method as shown on the right.
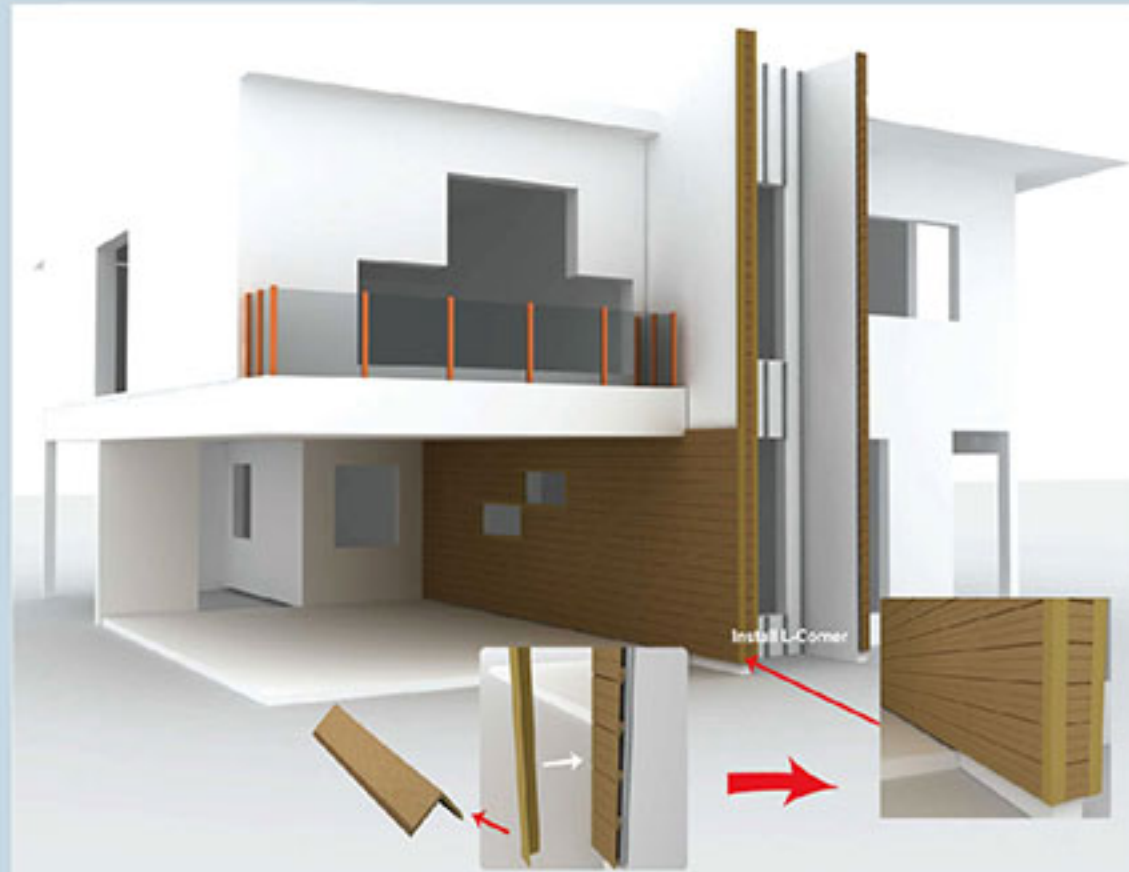
Put into a little wood block

Cut

SS Screw

Use L-corner to decorate the window's four frame .

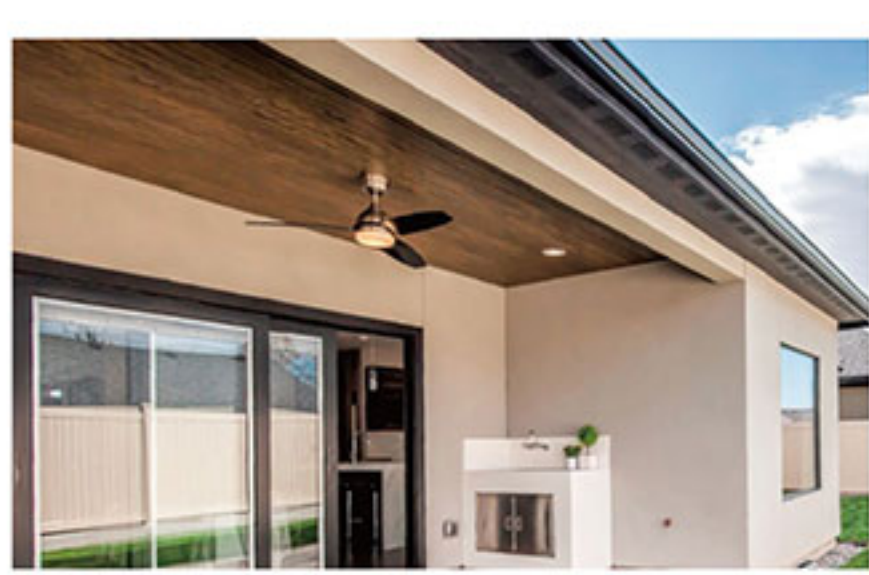Somtimes the outer wall cladding also need to install the L-corner. As shown in FIG.

Install L-Corner

WPC Post and Ceiling

No.	Item	Section Size (Width x Thickness)	Picture	Profile	No.	Item	Section Size (Width x Thickness)	Picture	Profile
1	TH-14A	200x50mm			5	TF-03A	50x40mm		
2	TH-14B	200x80mm			6	TF-05A	75x45mm		
3	TH-14D	145x80mm			7	TF-06A	90x40mm		
4	TW-07	100x50mm							

PROJECTS SHOW