



OUTDOOR LIVING
IS YOUR PASSION.



WHY COOWIN WPC?

Life's different out here. One step through the door and you feel it. It's more personal, less stressful. Away from the TV and video games. Where talking takes place over texting, nature provides the backdrop, and neighbors are welcome to sit a spell. As comfortable for lazy Sunday coffee as it is for a crazy Saturday cookout. And more moments are likely to be memories.

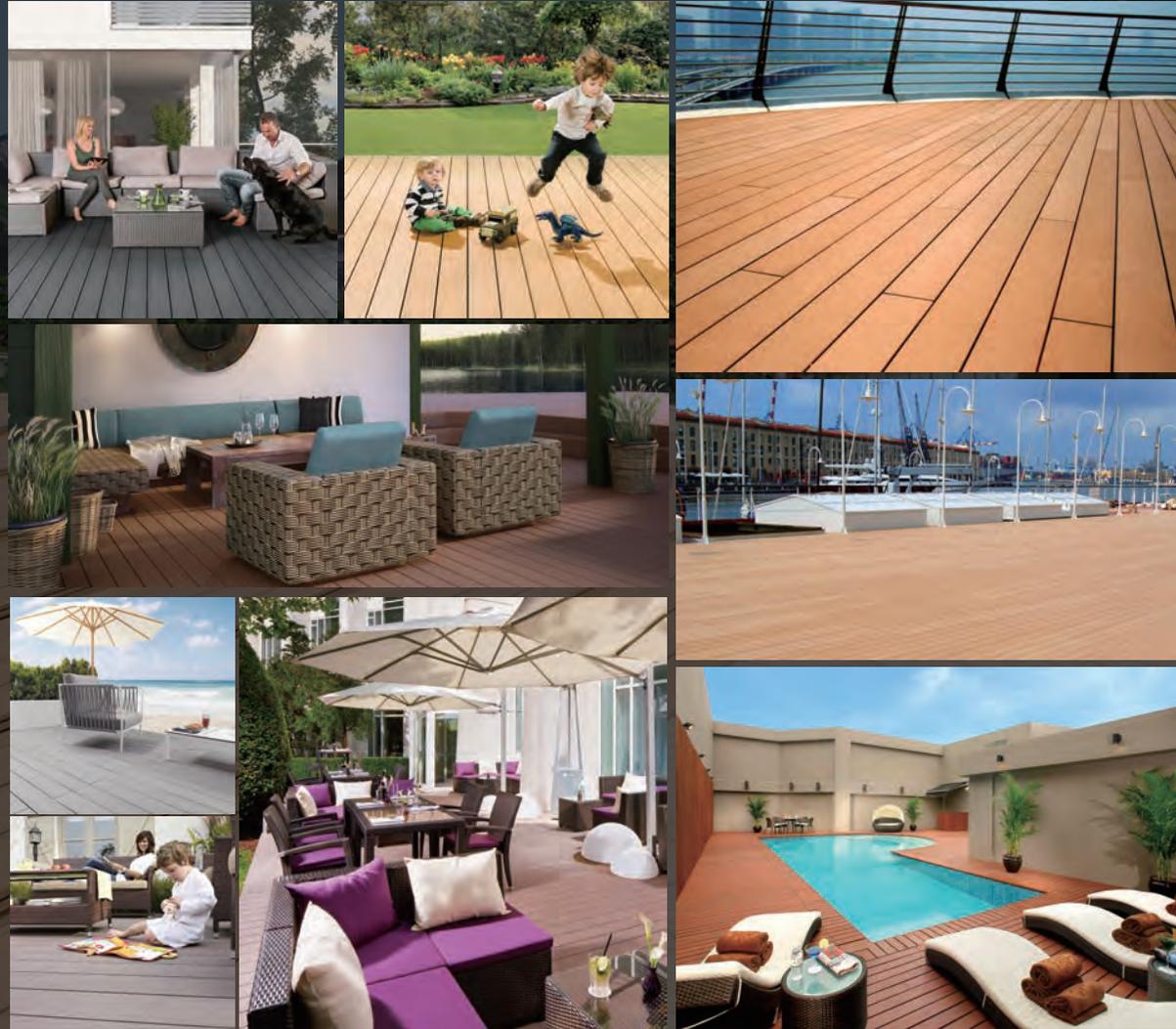
We get it. It's why we're a leading innovator in composite decking – and have been for years. Day after day, we imagine unrivaled combinations of colors, styles and mix-and-match options – then bring them to life. All to help you create a space that's as beautiful as it is functional – and as easy to design as it is to care for.

The ultimate in low-maintenance living – with a 25-year warranty that proves our dedication to perfection. High-performance decking. Low-maintenance living. It's our passion.

OURS, TOO.

What's the application of COOWIN WPC decking ?

In generally, COOWIN 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 COOWIN WPC decking?

COOWIN 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 traditional appearance of timber with durability and resilience of an engineered composite.

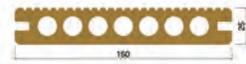
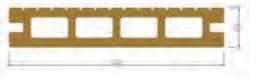
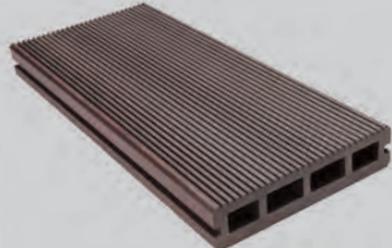
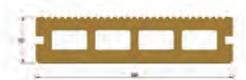
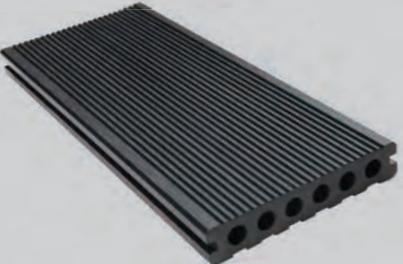
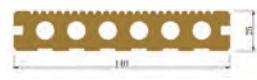
- 100% recycled ,environmentally friendly
- Look and feel like real wood
- Anti-UV, anti-impact, anti-moisture and termites
- Service life time is 5-10 times longer than wood products
- Easy installation
- Offers a soft, splinter-free finish that's comfortable underfoot
- Waterproof, resistant to salt 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.

CATALOG

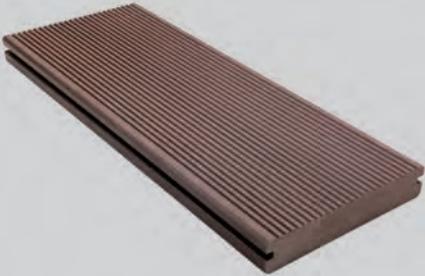
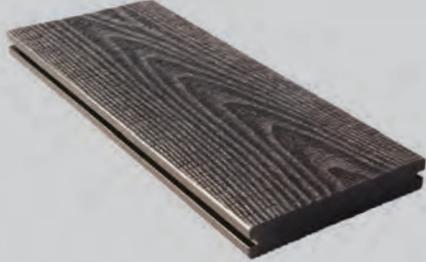
-HOLLOW DECKING

-SOLID DECKING

COOWIN WPC DECKING (Hollow)

		150x25mm			150x25mm
		150x25mm			200x25mm
		150x25mm			150x35mm
		140x25mm			

COOWIN WPC DECKING (Solid)

		140x21mm			134x24mm
		138x26mm			150x25mm
		134x24mm			140x30mm

COLOR CHOOSE

COOWIN

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



Red Pine (Art Color) Red Wood (Art Color) Cedar (Art Color)



Light Gray (Art Color) Brown (Art Color)

SURFACE CHOOSE

COOWIN

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

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

Sanding



Embossing



Mountain shape
(Natural wood grain)



Fish shape
(Natural wood grain)



Wave shape
(Natural wood grain)



Cluster shape
(Natural wood grain)

SURFACE

CHOOSE

COOWIN

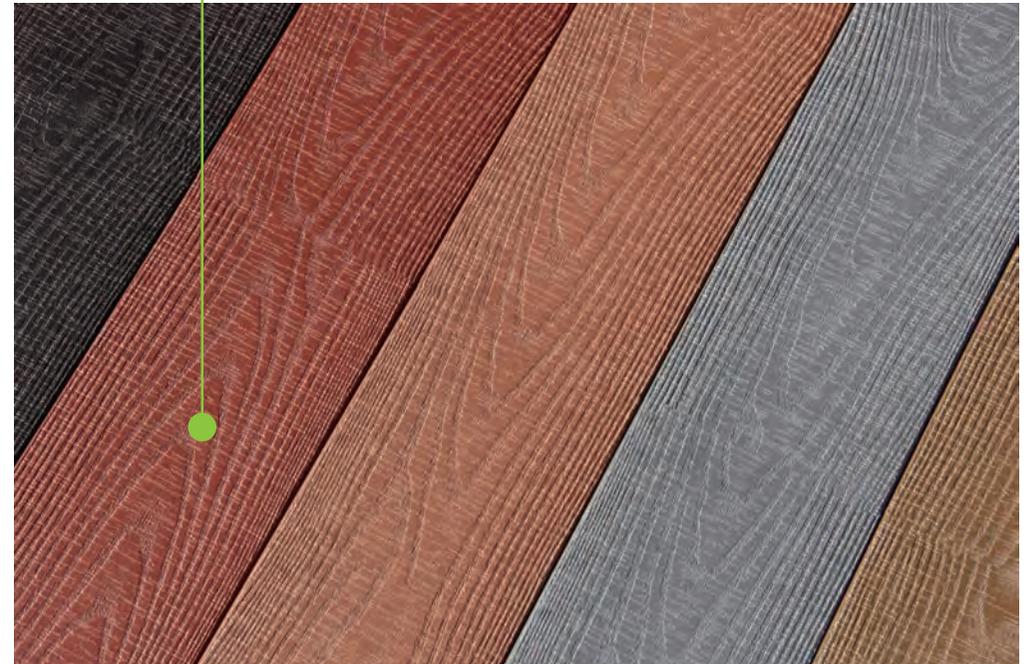
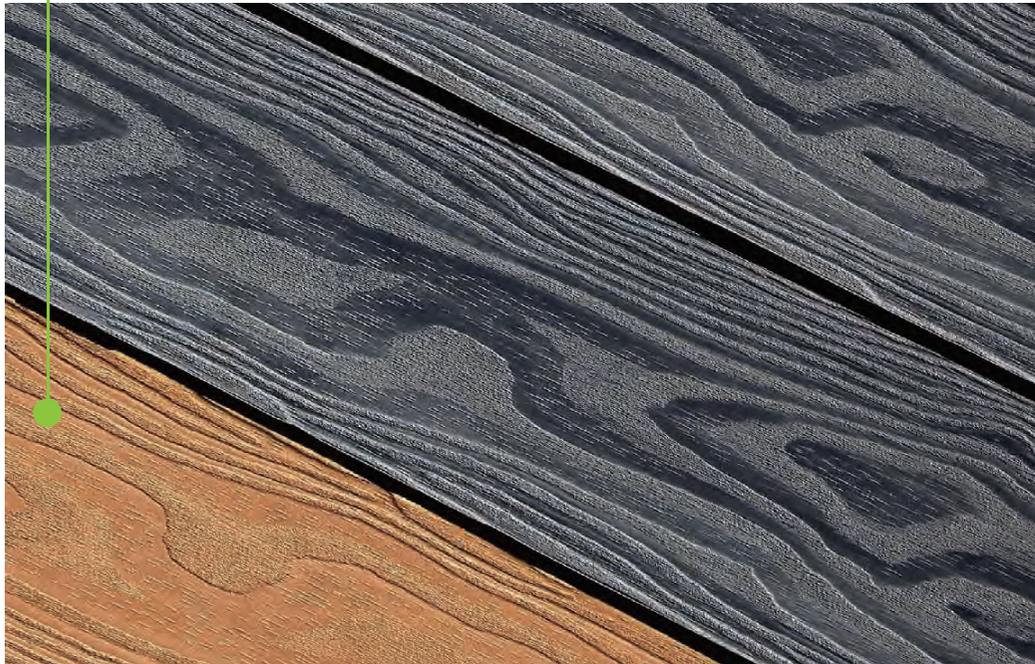
3D Embossing



Modern
(3D Embossed)



Classical
(3D Embossed)



What's the advantages of COOWIN WPC decking when comparing with others?



1. Biological Degradation

There are some manufacturers, they using the improper additives during produce process, for example unqualified antioxidant. Which would lead to biological degradation happen on decking surface, especially in some extremely outdoor environment.

With the strong sunlight and ultraviolet, or under water for long time, this unqualified decking must be aging, broken and rot without doubt.



Weathered Decking

VS



COOWIN WPC Decking

- High quality anti-UV additives
- Adequate addition
- To ensure the great performance during the outdoor using.

2. Color Fading

The problem of color fading roots in the wood powder used in WPC decking inside. Even though there are enough antioxidant and UV stabilizer added during produce, color fading problem would still happen in later days. This is due to the wood powder quality, it would be faded without any protection in outdoor environment. What's worse is that fading would cause chromatic aberration which make the decking more ugly indeed.



Faded Decking

VS



COOWIN WPC Decking

- 100mesh poplar wood powder
- High UV resistant additive
- High quality colorant
- Color can be maintained for 20 to 30 years

What's the advantages of COOWIN WPC decking when comparing with others?



3. Mildew and bacteria

Because of the large temperature difference between day and night, there are so many cases of mildew and bacteria problems happened during the service lifetime. Without any protection on the surface, the wood powder of WPC is exposed to air, so the mildew and bacteria are easily to happened.

Some people had tried different kinds of detergent to wash it, actually it didn't solve the problem, but lead to more serious problems instead. Because the washing would make more water immerse in.



Mildew Decking

VS

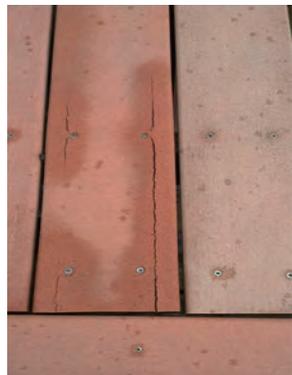


COOWIN WPC Decking

- Special anti-mildew formula.

4. Cracking Problem

The cracking problem is also caused by ultraviolet and water influence. When the unqualified WPC decking is exposed under direct sunlight or soaked in the water for long time, its inner molecular structure will be damaged or even degraded. Some antioxidant and stabilizer can help relieve problem, but they could not last long. In the pull of external force and heat expansion of itself, the decking become cracked.



Cracked Decking

VS



COOWIN WPC Decking

- High quality UV resistant additives
- Imported DuPont Coupling Agent
- Ensure the density uniformity during the production

What's the advantages of COOWIN WPC decking when comparing with others?



5. Scratch

Other manufacturers would not pay more attention to the raw material or production process control, which leads to the finished production can not reach the require of quality, like hardness and strength. There are even some WPC productions in the market would appears serious scratch problem, easy to get scratched even by the finger nail. Of course the decking would be not beautiful after a short period of time.



Scratched Decking

VS



COOWIN WPC Decking

- Special product formula
- Strict quality control system
- High density



Installation & Instruction

Tools & Accessories



Chainsaw



Tape measure



Drill



Level



Gas Nailer



Joist



Clip



SS screw



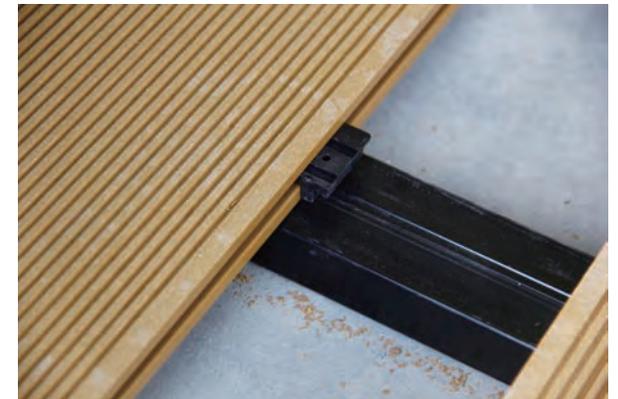
Dovetail nails



L-Corner

Summary

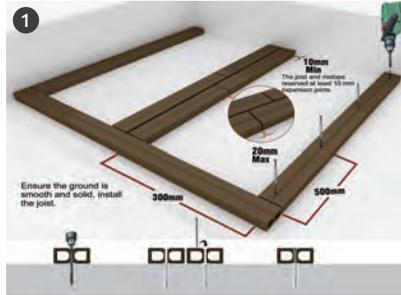
- 1 Put two deck boards abreast;
- 2 Put long bar tie plate upright under the boards, put one bar every 25-35cm(According to the plank which be selected)
- 3 Then put one fixing stud, and between two board's channel;
- 4 Last put one screw in the fixing stud, and then screw down fast. Making fixing stud and tie plate connection fast.



Intallation(Plastic Clip)

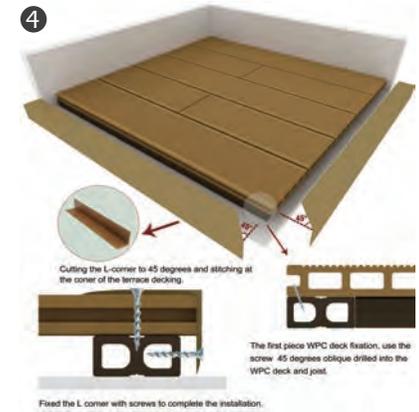
Fix the joist

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



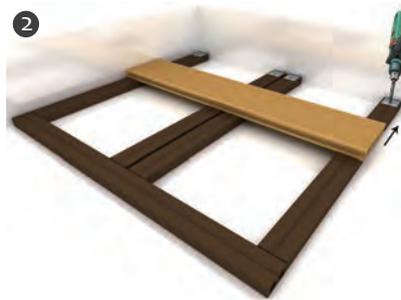
Install the L-Corner

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

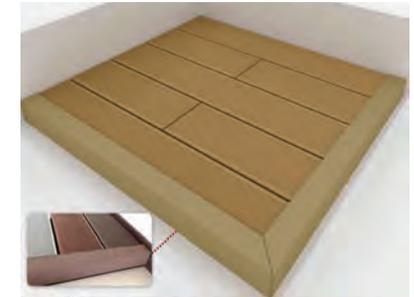


Fix the starting clips

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



Installation finished

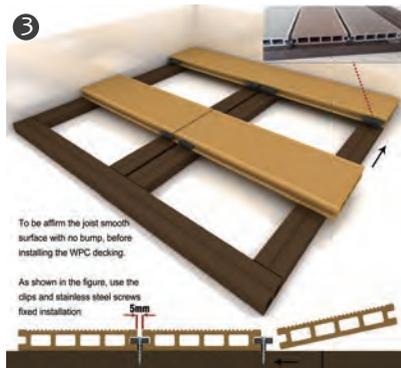
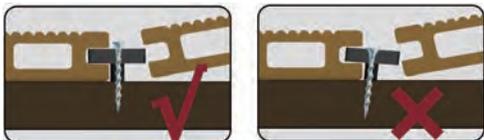


Fix the plastic clips

Installing the WPC decking one by one.

Please note that:

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



Project details pictures.

