



Qiandi Green Building Materials

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Guangzhou · China · Europe · North America



- No wood fiber. Waterproof, mildew-proofing and won't warp, crack or splinter.
- Good structure, abrasion resistance and slip resistance. Looks and feels like natural wood.
- UV-proof, fadeless, acid resistant, etc.
- Made from 100% virgin plastic resin, sustainable and very environmentally friendly materials.
- Antibacterial, mothproof and maintenance free.
- Lightweight. A zero-sheen, realistic 3D wooden texture on all 4 sides.
- Can be bent, sawed, glued, nailed and shaped by using conventional woodworking tools.



Material | PS Composites

Characteristics

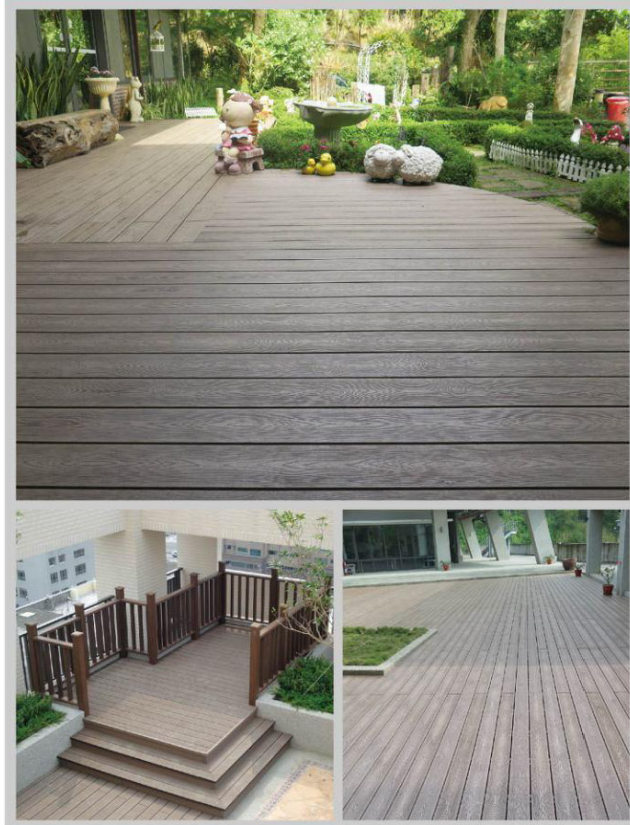
- We specialize in producing the best plastic lumber. Our product made from HIPS features a zero-sheen, realistic 3D wooden texture on all 4 sides. Looks and feels like natural wood.
- Made from 100% virgin plastic resin without wood fiber. It is waterproof, mildew-proofing, fadeless and won't warp, crack or splinter and it's sustainable and very environmentally friendly materials.

Applications

- Deck, Flooring, Railing, Lattice, Plank Road, Wall board, Wall panels of the cabin.
- Garden fencing, Pergola, Planter box, Pavilion
- Outdoor furniture, Bulletin board, Entrance landscape
- Resort facility, Pool side deck, Deck tile

地板/平台 Decking

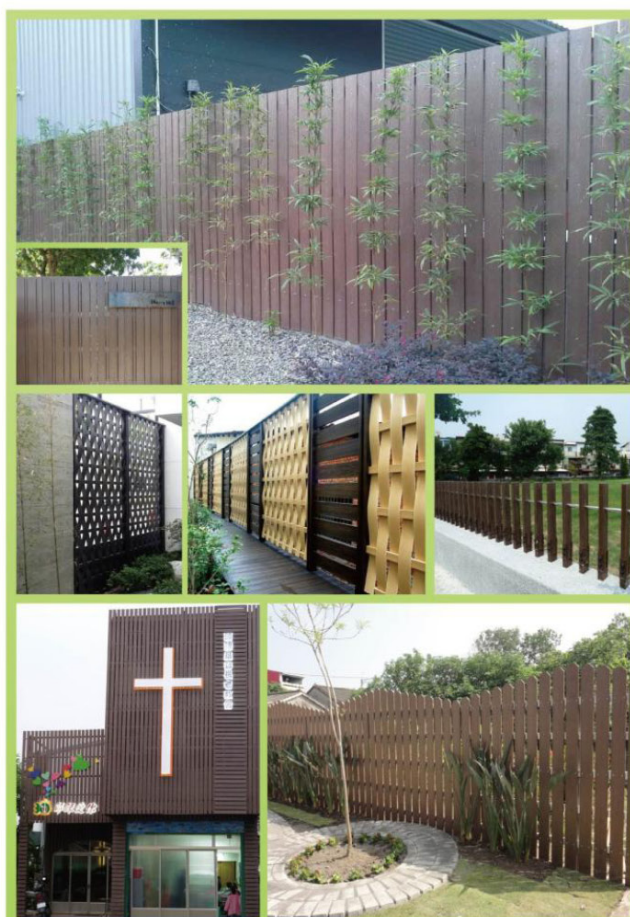
工程實績 Applications



Outdoor Landscape Series / Outdoor Furniture Materials PS Plastic Wood Better Wood®

格柵 Lattice

工程實績 Applications



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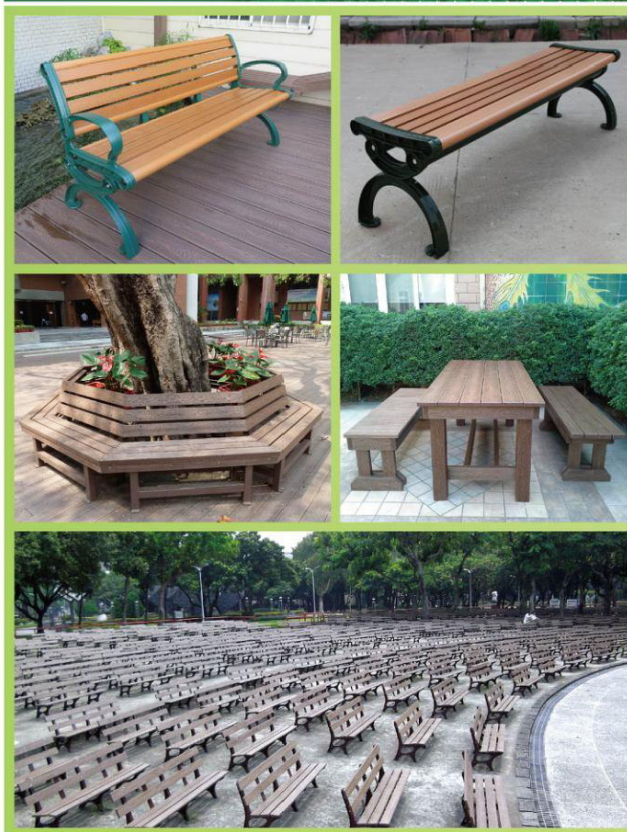
欄杆 Railing

工程實績 Applications



座椅 Bench

工程實績 Applications



Outdoor Landscape Series / Outdoor Furniture Materials PS Plastic Wood Better Wood®

涼亭/花架 Pavilion/Pergola

工程實績 Applications



花箱 Planter box

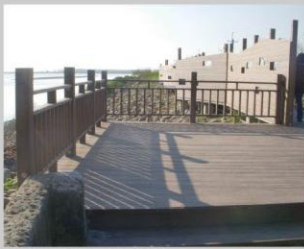
工程實績 Applications



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竣工時及多年後對照

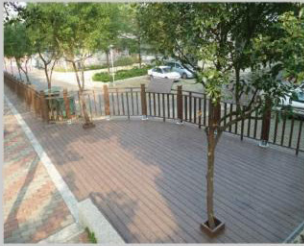
工程實績 Applications



Built on Nov. 29, 2010



5 years later



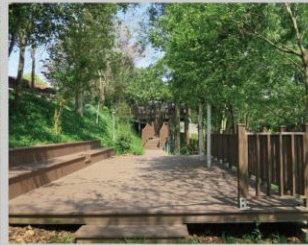
Built on July 11, 2011



5 years later



Built on May 9, 2011



5 years later



Built on Sep. 20, 2012



3 years later



Built on Oct. 24, 2012



3 years later



Built on Oct. 3, 2013



2 years later

Outdoor Landscape Series / Outdoor Furniture Materials PS Plastic Wood Better Wood®

PS Plastic Lumber User Guide

1. Tool: Use general woodworking tools, electric drill / self drill / countersink / sawing machine, etc.
2. Cutting process: Woodworking cutter speed is about 3600RPM. It needs to use tungsten carbide saw blade which diameter is 10 ~ 12" and sawtooth is 36 ~ 42 teeth, the less tooth of the blade, the easier for the machine to cut-off and discharge residue. When processing, you can spray anti rust oil (WD-40) on the saw blade to avoid crumbs with sticky.
3. Burrs repair: You can use fine sandpaper, knives or scissors to grind or scrape for cutting off the burrs.
4. Foundation: With C-type steel (100x50-2.3 mm thick) or steel square tube. (1 1/2" ~ 2 mm thick) is the best. The thickness of deck board is more than 2.5cm; the interval for every crossbeam is 40cm. The thickness of deck board is more than 2cm; the interval for every crossbeam is 30-35cm. 【See the picture below.】 If it is flat, crossbeam can be directly fixed on the ground.
5. Fasteners floor fixed method: Need to use screws, do not use nail gun or nails to fix. Steel structure base with tapping screw, decking foundation use wood screws; Screw specifications for #8 (diameter is about 4.2 mm), the length of the screw should be 2-3 cm longer than fastener; It needs two pieces of fasteners to fix at connection of boards. Also, it needs to be left 2-3 mm gap in winter, but without the gap in summer.
6. Maintenance: Wipe it with water or wood floor cleaner.
7. Fasteners floor construction methods see picture below:



Wood screw



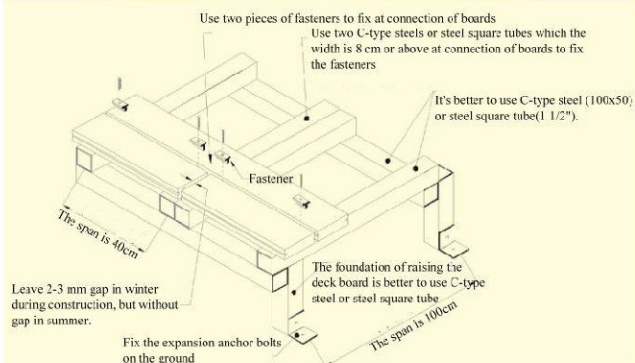
Tapping screw



Saw blade



Electric drill



30 x 15 70 x 15 90 x 15 110 x 15	55 x 10 50 x 25 90 x 25 100 x 25		地墊 Deck tile 300 x 300	
30 x 20 70 x 20 90 x 20 100 x 20	30 x 30 40 x 30 60 x 30 70 x 35 90 x 35		圓棒 Round stick Ø 28 Ø 40 Ø 50	
40 x 40 60 x 40 100 x 40	60 x 60 100 x 60		空心圓棒 Hollow stick 外徑 Ø 50 內徑 Ø 19	
方柱 Pillar 100 x 100 120 x 120		半圓棒 Semi-round stick Ø 50		
扣件地板 Decking 140 x 20C 140 x 25C 140 x 30C 150 x 23C		方柱帽蓋 Pillar cap		
120 x 5 150 x 25 180 x 25	120 x 30 140 x 30 180 x 30	企口板 Wallboard	130 x 10P	
120 x 40 140 x 40 180 x 40		中插鋁管 Aluminium-Plastic	70 x 35H 100 x 40H 100 x 50H	
雨淋板 Siding 160 x 25		大螺絲蓋 Screw 中螺絲蓋 小螺絲蓋	140 x 30H 140 x 40H 140 x 30HC (扣件地板)	

規格表

Dimension

產品規格：寬×厚mm
Width (mm) x Thickness (mm)

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