





Product Description

The Eco-friendly wood/bamboo plastic composite outdoor decking we produced is made of:

30%HDPE(grade A Recycled HDPE)

60%wood or bamboo(professionally treated dry bamboo fiber)

10%chemical additives(Anti-UV agent, Anti-oxidation agent,stabilizes,colorants,antifungus agent,couping agent,reinforcing agent,lubricants-etc.)

This mater is extruded by professinonal wood-plastic extruding machine under high temperature and pressure, so it is a kind of insect proof, green environmental responsible material based on 10 years warranty.













Advantages Of Our Wood

The wood plastic composite profiles are ideal in many applictions traditionally.

Using PLASTIC of also many other products can benefit from the following attributes.

- ► Dimensional stability,longevity,natural feel
- ► Resistance to rot and crack
- ► Stable over a wide temperature range, weather-resistant
- ► Moisture resistant,low flame spread
- ► High impact resistant
- ► Outstanding screw and nail retention
- ► Environmentally friendly,recyclable
- ▶ Broad range of finishes and appearance
- ► Easily produced and easily fabricated
- ► Contains no toxic chemicals or preservatives
- We can serve you with:
- ► Row materials of WPC
- ► Shaped materials of WPC
- ▶ Products used in Landscape, Garden and Square, Indoor and outdoor
- ▶ Design and mate the landscape indoor or outdoor



Wood's Technical Data

NO	Technical Requirement	Standard	Minimum Results
1	Compression strength(at 50% deformation	ASTM D695-08	181
2	Compressive strength	ASTM D695-08/2002a	20.6Mpa
3	Vicat softening temperature	ASTM D1525-07/2006	83.4Degree C
4	Mechanical fastener holding test	ASTM D1037-06a Section 16	777.GN
5	Impact resistance	ASTM D4495-00:2005	473
6	Specific gravity	ASTM D2395-07a Method A/D792 2000	0.7415
7	lantabelty	AS/NZ 5 1530 3:1999	13/20
8	Spread of flame	AS/NZS 1530.3 1999	OMD.
9	Heat evolved	ASAZS 1530 3:1999	1/10
10	Smoke developed/Flame test	A5/NZS 1530.3 1999/D635:2000	7/10
11	Density(kg/m3)	ASTM 02395; 2007a/D792;2000	1350kg/m3
12	Shore D Hardness, median	ASTM D2240:2000/D:2000	53
13	Water absorption(%)	AST M D1037 2006a Section 23 Method A/D570:1996	After 2 hours-0.35%
		ASTM D1037-2006a Section 23 Method A/DS70:1996	After 2 hours-0.69%
1.4	Nail out resistance/Screw withdrawel test	ASTM D1037-2006s Section 14/D6117 1997	791N
15	Maximum tensile strength(Mpa)	ASTM D638:2003	15.6 Mpa
	Modulus of electicity(Mpa)	ASTM D638:2003	1684Mpa
16	Elongation at break(%)	ASTM D838:2003	2.7%
17	Flexural str ingth/Mpsi	ASTM D6109:2005	32.2Mpa
	Modulus of elasticity(Mpa)	ASTM D6109 2005	2101Mpe
18	Maximum compressive strength(Mpa)		193M xa
19	Coefficient of thermal expansion	ASTM E931 2000	A After a1 25 to50 °C 92 um/m °C
			B After a2 90 to 100 °C 1:298 um/m °C
20	Fire test (performance)	A) BS476:Part6:198.9/ASTM E84:2009c/AS/NZS 1530.3:1999	Class 2
		B) BS476:Part 7:1997 orASTM E84:2009c/AS/NZS 1530.3:1999	Class 2
		C)ASTM E84:Part 7:1997 or ASTM E84:2009c/AS/NZS 1530.3:1999	Class B
21	Linear thermal expansion coefficient	ASTM D696-2008	62.50um/m10





















Outdoor Decking Series

150x23mm

140x20mm



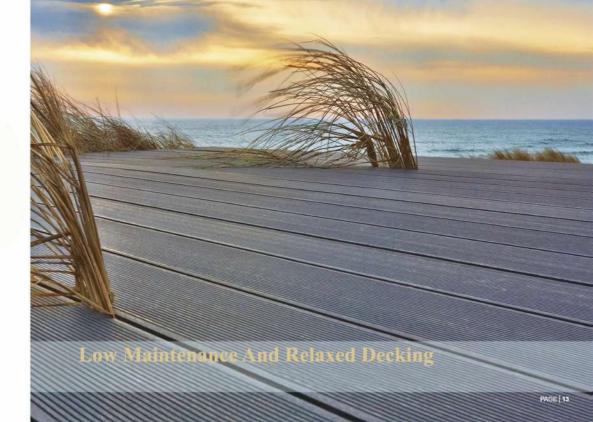
140x20mm

150x23mm

140x25mm









The Professional & Reasonable Accessories





40x30mm































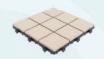


Deck Tile

Deck Tile is a complete DIY solution for that boring concrete balcony, terrace or patio. Change it to the rich colors of exotic hardwoods with just a few clicks.

- -echnology: highly stain resistant and ultra low maintenance
- -Color choice: all the Natural colors
- -Size: 300 x 300mm -Base: Interlocking TPO polymer matrix base &
- stainless steel screws
- -Flexible locking system: it can be secured from any side
- -Quick and easy installation with no tools
- -Matching color composite fascias available





300x300x25MM



300x300x20MM



300x300x20MM



300x300x20MM



300x300x20MM



300x300x20MM



300x300x20MM



300x300x30MM





Tile Trims

Three types of fascias: Straight, Outward and Inward are available in matching colors to perfectly finish

All fascias come with a ready to install base pre-fixed with stainless steel screws.



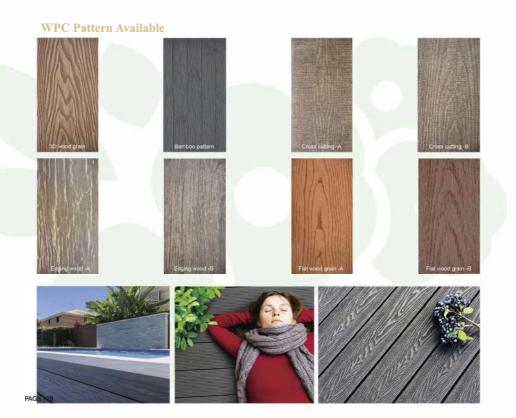
















Wall Panel/Cladding Series



WPC with wood texture surface.high quality,and low-maintaince expense,also it is water-proof,corrosion proof ,and not easy to dehisce,in perfect harmony with your house,giving beauty to your lovely house.



150x16mm





150x20mm

150x20mm







Garden Storage & Tooling House

Would you still worry garden storage?
Wooden house color fading, cracking, rotting after long lifespan?Our new tech-quality wood plastic composite house brings the storms and innovation of garden tooling & storage house with extremely simple installation steps as below. Waterproof, UV resist, Weather and Wind protect being our great advantage will take us up one big step to the gain the market and reputation.







160x80mm







D.I.Y.BOX SYSTEM

- Advantages . Quick & Easy Installation
- Environmentally Friendly
 Easy & Lower Maintenance
 Any shape as you want, Planter, sandbox

Standard Size:

45x45x14cm

60x60x14cm

90x90x14cm

120x120x14cm



























Outdoor landscape Gazebo series

The outstanding design,the great quality,and the perfect solution,can give you any ideal space. You can use WPC to decorate your own garden,to find the sweet match to your building style,making your home show its dignity and grace.

Common Size













72x11mm

72x11mm

128x16.5mm

100x100mm







150x150mm



200x200mm



Ø180mm



95x45mm

120x120mm







57x32mm







98x50mm



55x55mm



55x35mm

150x36mm





80x35mm

69x26mm

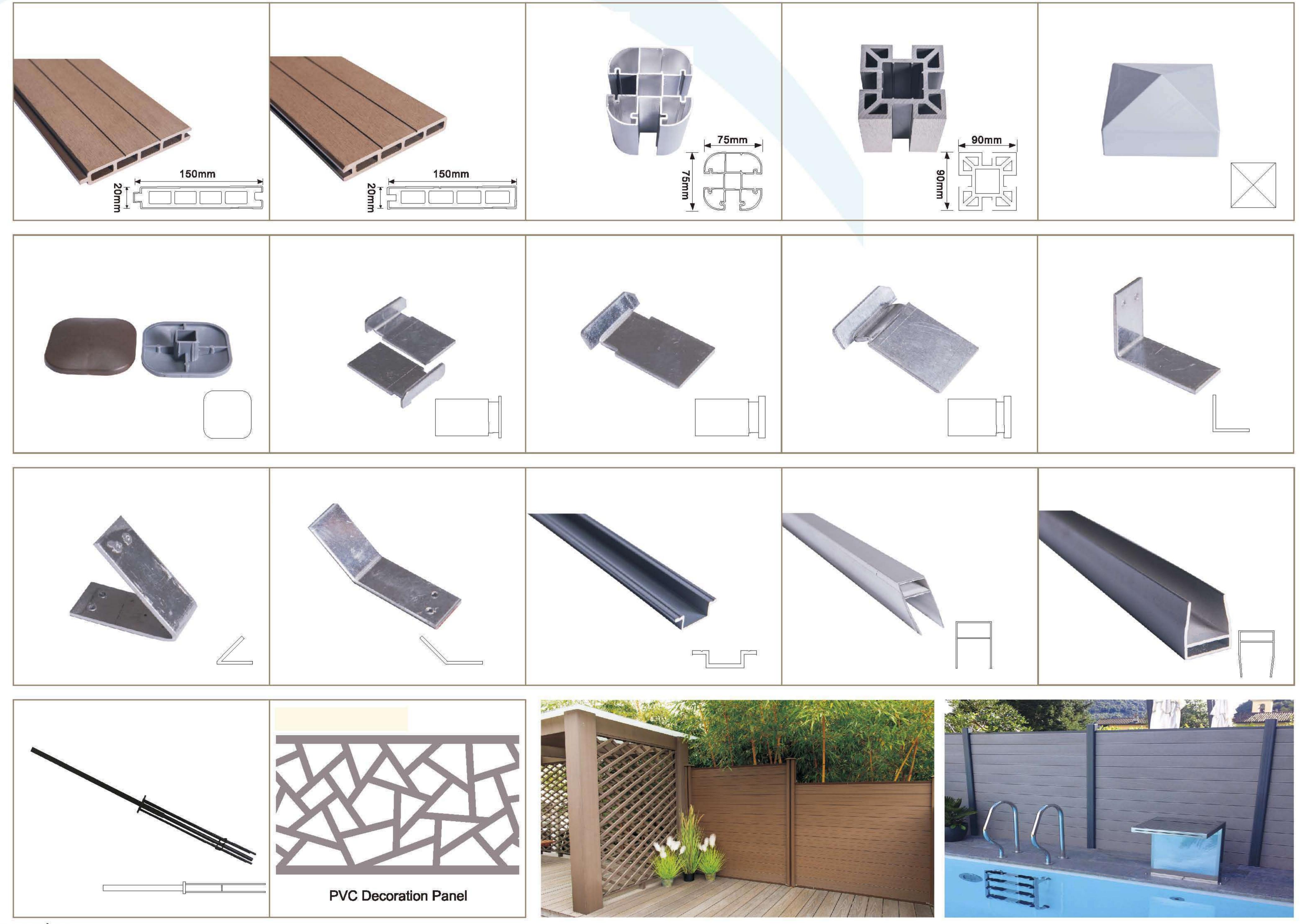


The Different Profiles Of Wood For The Garden Fencing/Pergola/Pavilion/Bench.









Fencing use the Natural surface treatment and advanced technology for all posts & boards, dedicated to help to build your beautiful and hassle free fencing. Mix and match for the different color post & boards for your own unique fencing.



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