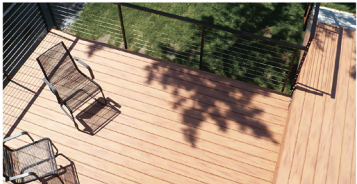




Xuancheng Fumeida New Materials Co., Ltd

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Wood
Plastic
Composite



This is FORESTAR

Founded in 2008, Fumeida is a high-technology private enterprise which is located prominently in Xuanchen Development Zone, Xuancheng, with convenient transportation accessibility to Yangtze River Delta Economic Zone and the largest Bamboo/Wood processing base in China.

Complementing the strategy of environmental protection, Fumeida specializes in environmental-friendly plastic wood R&D project and production by using bamboo/wood wastes and recycled plastics as raw materials. Characterized in pollution-free and recyclability, our renewable products are favorable substitutes of traditional bamboo/wood products. The products can be widely used in architectural decoration, gardening, municipal engineering, logistics and auto manufacturing, enjoying prominent market prospect home and abroad.

Forging ahead with innovation and creativity, Fumeida will share the promise of future with you.

FORESTAR's Belief

Today with all nations advocating energy saving and emission reduction, resource shortage and environmental contamination pose more and more public concerns. We appreciate that much attention has now been given to how products are made and what they are made from. In manufacturing the products made entirely from waste plastics and waste wood, we have demonstrated our commitment to a number of crucial objectives

- To ensure our products always exceed expectations of the purposes for which they are intended.
- To create products that are much more durable than those made from conventional material.
- To constantly improve our technology to ensure the maximum amount of waste can be recycled.
- To minimize wastage in our manufacturing processes.
- To conserve precious natural resources.
- To provide customers the option of a new and update products, rather than something our previous customers have asked for

THE QUALITY OF OUR PRODUCTIONS HAVE EXCEEDED THE LEVEL OF COUNTERPART



Outstanding Characters

Positive priorities	Plastic	Treated Wood	Metal	Concrete	Forestar WPC
Strong	++	++	+++	+++	++
Flexible	+++	++	+++		+++
UV resistant	+	+	+++	++	++
Low thermal conductivity	++				++
No electrical conductivity	+++	+++		+++	+++
Easy process	+++	+++	++		+++
Save natural resource					+++
Environmentally friendly		+++			+++
Made from 100% recycled material					+++

Material defects	Plastic	Treated Wood	Metal	Concrete	Forestar WPC
Susceptible to cracking	XXX	XX		XXX	X
Susceptible to rotting	XXX	XX		X	X
Susceptible to rusting			XXX		
Susceptible to splintering		XXX			
Susceptible to termites	XX	XXX			
Susceptible to weathering	XXX	XXX	XX	XXX	X
Can leach chemicals	XXX	XX			
Requires natural resources	XXX	XXX	XXX	XXX	X
Toxic risky	X	XXX		X	

It is simple. When considering products that are better for the environment, more robust and more cost-effective, Forestar products tick all of the boxes you want and none of the boxes you don't.

Outstanding Characters

- Dimension stability
It will not be out of shape after a long testing of 8 years and there is no crack under the test temperature between -40°C to 60°C
- Material Safety
Low flame spread / High slip resistance / No sting of wood / Contains no toxic chemicals or preservatives / Environmental friendly / Can be recycled with 100%
- High Strength
Outstanding screw and nail retention / High impact resistance / Great Compressive-tensile-shear strength / Modulus of elasticity: 20% greater than PVC
- Good appearance & nice touch
Natural feel & wood touch / Broad range of finishes and appearance, Multicolor, and needn't paint
- Longevity
It has a lifespan of 15-20 years under the condition of outdoor weather
- Install & Maintain easily
Easy to produce and fabricate / Easy to cut, fix and glue; Easy to tenon, drill and nail / Require less routine maintenance / No need staining & water Sealant



FORESTAR's Certification

ISO 9001



ISO9001:2008

ISO 14001



ISO14001:2004

CE



CE Certification



Intertek Testing report



RoHS Certification from TUV



ASTM Testing report from Intertek



UV Resistance report from SGS



BSCI Audited Supplier



REACH



FORESTAR Product Line | DECK

Resists stains, scratches and splits for a smart and beautiful low maintenance deck.

Available in several colors and several grains to suit any taste and complement any exterior.



The option most people automatically turn to is treated wood decking. With its warmth and classic style, a well-maintained wood deck is attractive. The problems with wood decks come as wood dries out, twists, splinters, cracks and when you examine that "well-maintained" requirement. Wood decks require sanding, staining or painting on a regular basis and are at high risk of mold and decay, at the mercy of insects and will fade, warp, twist and splinter over time. When you're making the significant investment to your home that a deck entails, it's important to consider the time and cost you will spend maintaining a wood deck, rather than enjoying it.

Fortunately, there is alternative to wood decking that is composite decking, which come in a variety of colors, grains and styles that provide beautiful, lower-maintenance options.





Traditional decking is most popular choice in the market. If you are looking for a basic product which is stable and economic, the traditional decking range is your best option.

FORETSAR traditional decking include hollow profile / solid profile and several customized profiles, with different finishing available, when matched our series of accessories, you can find almost all the solution for a deck.

FS DEK 012

FS DEK 003

FS DEK 006

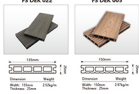
FS DEK 015

FS DEK 016



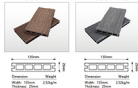
FS DEK 022

FS DEK 005



FS DEK W-01

FS DEK W-02



3D Wood Grain Decking is a revolutionary product to traditional WPC.

The embossing process didn't come from "thermo print" but "pressure print" so this wood grain can stay at least 8-10 years.

It keeps plastic crust so the surface is more hard and absorb less water.

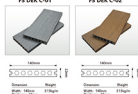
scratch will not work on the surface because of the hard surface, water/ oil/ wine stain will not stay on the surface as well.

Capped Decking



FS DEK C-01

FS DEK C-02



FORESTAR HIDEAWAY HIDDEN FASTENING SYSTEM



Capped decking is high end option in the market. The decking itself is covered and protected by plastic shield and this is how the name come from.

Advanced performance in water absorption / scratch resistance is the main benefit of capped decking, various option in pattern and color is also advantage of capped decking.

More classes allow Please contact us



FORESTAR CONCEPT | RAILING

Top off the look with Forestar composite railing. Available in a variety of colors, shapes and styles, it's the ideal finish for any outdoor environment.



Generally, where there is stunning decking, there's railing—and finding the right match for your home and style is the fun part. Our composite railing lines see any vision through with a range of colors, finishes and deck rail options. All this, plus easy configuration and maintenance, make Forestar Railing the most luxurious exterior railing systems around. Create an exciting exterior design with the handcrafted authenticity of Forestar composite railing. Our composite railing system provides a solid construction and seamless appearance for years of worry-free maintenance.

FORESTAR RAILING



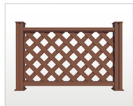
Twin Cross

FS K-NRL-03



X-Trellis

FS K-NRL-01



Iron Wove

FS K-NRL-04



Classica

FS K-NRL-02



FORESTAR CONCEPT | FENCING

Make your backyard canvas a true master piece. Frame it with Forestar fencing. This composite fencing system provides the perfect backdrop to any backyard paradise. With lasting beauty and low maintenance, it's the perfect fencing solution



As one of the new innovation of FORESTAR composite range, DIY fence provide you absolute unique experience for your courtyard.

With our patent 'easy locking' system, you can build your fence much easier and faster, the aluminum frame create real strong structure and various 'deco parts' make your fence so different. The unique design of the interlocking fence pickets eliminates warping and bowing while creating a beautiful, identical look on both sides of the fence. It also resists insects and rots and is backed by our 25-year residential and 10-year commercial warranties.

FORESTAR FENCING



Conventional Fencing

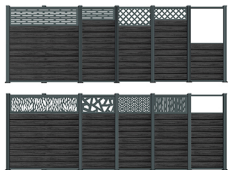


From the beginning we've been committed to helping you create a low-maintenance, high-performance secure and private backyard retreat.

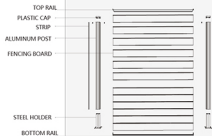
Forestar composite fencing makes your life easier by giving your strength of wood without the maintenance.

Your weekends should be spent relaxing, not repairing your fence.

More Fence Combination



Explosive View



Component For Fence



FORESTAR CONCEPT | CLADDING

Forestar Original Cladding established the benchmark in composite cladding. A sleek and modern board, its longevity and simple installation make it the ideal choice for any commercial or residential project.



FORESTAR composite cladding is a high performance composite, which boasts minimal maintenance. Being far lighter than traditional external timber cladding products, our cladding is faster and simpler to install. A full set of finishing trims are available for ease of install and a seamless finish. Looking much like a traditional weatherboard, yet sleeker in design, FORESTAR® cladding can provide any building with that finished, architectural touch. Once installed, FORESTAR® Cladding requires none of the painting, staining or sanding a traditional weatherboard may require.

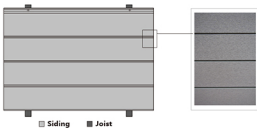


FORESTAR CLADDING

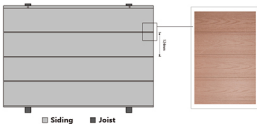


The Cladding Installation

SD-01



SD-02



Forestar Cladding

SD-01



Dimension Weight
Width: 143mm 1.23kg/m
Thickness: 20mm
Length: Various

SD-02



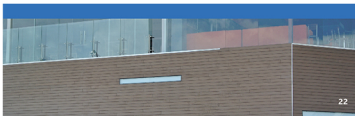
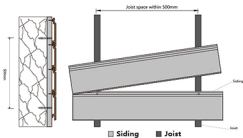
Dimension Weight
Width: 143mm 2.11kg/m
Thickness: 20mm
Length: Various

ACC-04



Dimension Weight
Width: 40mm 1.04kg/m
Thickness: 20mm
Length: Various

The Cladding Installation



FORESTAR CONCEPT | PERGOLA

Add a customizable pergola to your sun-soaked space and get a shady, sturdy retreat that won't crack, rot or chalk. Designed to meet the most demanding requirements of any residential or commercial environment, Forestar Pergola is enduring and virtually upkeep-free.



Forestar Pergola brings outdoor living to new heights and provides the framework for your outdoor room. Offered in many standard and custom designs, Forestar Pergola provides architectural interest as well as the perfect amount of shade and privacy. Add lighting, curtains, heaters or a fan to create the retreat of your dreams.

- » Design flexibility to fit your architectural style
- » Available in 8 standard colors or your custom color
- » Customize Forestar Pergola making it one-of-a-kind
- » Low maintenance, giving you more time to enjoy the outdoors

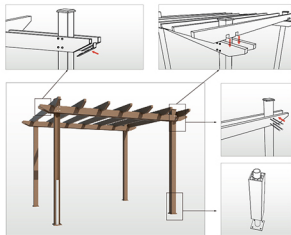
You can be confident that your new Forestar Pergola will not rot, warp, or split and is 100% termite-proof. It will provide years of low-maintenance beauty and enjoyment.



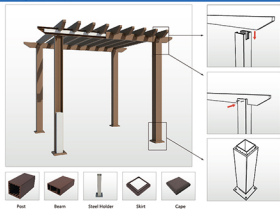
FORESTAR PERGOLA



Swift Pergola Series



Titan Pergola Series



Beam's End Cover Style



Pergola Standard Size



Project	Size (m)						
	2.2	2.4	2.6	2.8	3.0	3.2	
Pergola Height							
Pergola Width	2.2	2.4	2.6	2.8	3.0	3.2	
Pergola Unit			2.6	2.8	3.0	3.2	3.6 4.0

 * Green mark means pergola need steel rails

FORESTAR CONCEPT | DIY TILE

Exactly easy! The clip together design allows anyone to take on a DIY project which can quickly and effectively transform any surface of any shape or size.



The patented heavy duty plastic module used in our interlocking deck tiles ensures a deck with perfect positioning and alignment. Secondly, the module we use is far stronger, creating a far more durable and sustainable decking. Thirdly, it also contains a special system for support and drainage.

The revolutionary edges of the click tile are specially designed for easy installation. With the easy connecting system you are able to create unique decking patterns. Besides the fact we do have 5 different materials, we have also managed to create an abundant amount of different DIY Garden Tiles from these materials individually.

FORESTAR DIY TILE



Installation Manual



Installation Step-1



Installation Step-2



Installation Step-3



Installation Step-4

The biggest advantage of our interlocking deck tiles probably comes from the fact that we offer a large amount of variety.

Our assortment of approximately over a hundred different decking tiles allows you to make your own decking with composite, wood, natural stone, aluminium and/or artificial grass decking tiles.

From all the different tile solutions available we are the only that manufactures all the different materials by itself, assuring that all the different tiles are a 100% compatible.

DIY WPC Tiles Series



DIY WPC Tiles
DT 002 300x300x25



DIY WPC Tiles
DT 004 300x300x25



DIY WPC Tiles
DT 005 300x300x25



DIY WPC Tiles
DT 006 300x300x25



DIY WPC Tiles
DT 003 300x300x25

DIY Slate Tiles Series



DIY Square Slate Tiles
ST 004 300x300x25



DIY Small Square Slate Tiles
ST 005 300x300x25



DIY Slate Flooring
ST 006 300x300x25



DIY Mosaic Tiles
ST 001 300x300x25



DIY Pebble Tiles
ST 002 300x300x25

FORESTAR FIXED EDGE BANDING SYSTEM



Other DIY Series



DIY WOOD Tiles -Pink Finishing
WT 001 300x300x25



DIY WOOD Tiles-Teak
WT 004 300x300x25



DIY WOOD Tiles-Pine
WT 005 300x300x25



DIY Artificial Grass Tiles
AT 001 300x300x25



DIY Aluminium Tiles
AL 001 300x300x25

