

# Wood Plastic Composite

Quality life,  
starts with quality products ...



WPC  
MBC



# About Us

WPC is the acronym of Wood-plastic composite, which stands for a very promising and sustainable green material that is produced for its ability to be durable without containing toxic chemicals. WPC is usually produced by thoroughly mixing wood fiber, Grade A HDPE and other additives. The most common method of production is to extrude the material into the desired shape, where WPCs are extruded and formed into both solid and hollow profiles. As a sustainable material, WPC has been considered as a perfect substitution for natural lumber and are now widely applied in various outdoor construction and decoration fields. In comparison with natural or treated lumber, WPC is more environmentally friendly and requires less maintenance. WPC products do not corrode and are highly resistant to rot, decay, and Marine Borer attack. In addition, WPC is of excellent workability and can be shaped using conventional woodworking tools—they can be molded to meet almost any desired shape.

Quality life, starts with quality products". As our human society has entered into a brand-new century full of scientific and technical miracles, leading a green, healthy and eco-friendly life has now profoundly rooted in everyone's heart. Having long committed ourselves to helping our customers pursue and achieve a healthy, eco-friendly and enriched life, Newswan has entered into production of WPC products since 2007. To date we have set up more than 10 most advanced production lines and are capable of producing more than 10,000 tons of various WPC products every year. With series of both domestic and international certifications, such as ISO9001, ISO14001 and CE, our WPC products are now widely used and applied in both outdoor and indoor decoration and construction fields, such as decking, cladding, railing, fencing, landscaping, siding, gardening, etc. So far our products have been well sold and exported to more than 20 different countries and regions worldwide, such as North America, South America, South East Asia, Middle East, Africa, East Europe, etc.



# Quality Assurance



Installation

Accessories



We have been fully aware that good quality not only means customers' requirements are well met, but also represents strict compliance with the relevant accepted international standards. We have set up our own and well-equipped quality testing lab, where the main parameters/characteristics including but not limited to thickness, fire-resistance, density, formaldehyde emission rate, etc. can be precisely tested out. Newsun has a QA system that functions well and which has the purpose of ongoing optimization according to both China's national standards and the universally accepted international standards, such as ISO 9001:2008, ISO14001:2006, CE, CARB Standards, GB-T7911-1999, etc.

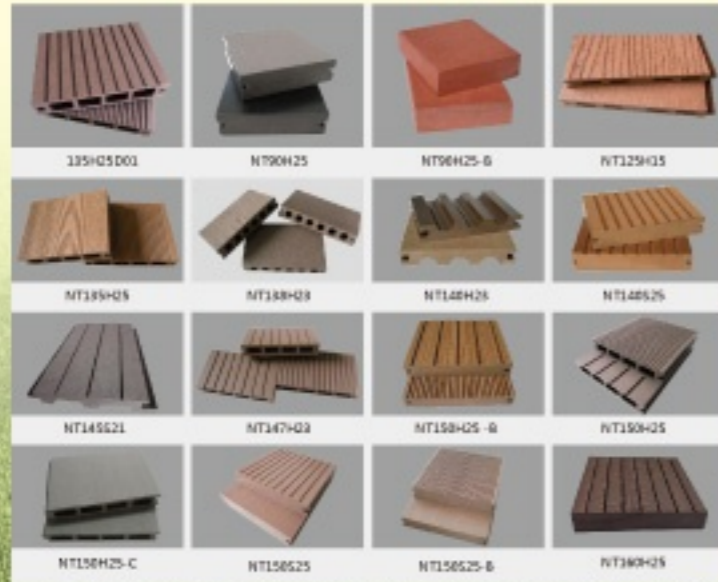
Colors



Surface Finish:



# Products



## WPC DIY Decking Tiles



# Applications & Projects

- Cladding
- Railing
- Fencing
- Siding
- Roofing



## Packaging



## WPC Advantages

Characteristic	WPC	Wood
Humid stability	Water proof	Water absorbent
Durability	Antiseptic	Liable to rot, if not treated
Fragmentation	None	Yes,because of weathering
Deformation	None	Yes,because of weathering
UV stability	High UV stable	Low UV stable
Stability to anking	No changes	Turn pale
Treatment	No	Special treatment form time to time
Durability	15-25 years	3-5years
Influence on an environment	Friendly	Usage of Wood
Installation	Fast and Easy	

## Product Introduction



## Specifications

Composition	60% Bamboo Powder/Wood Fiber, 30% HDPE, 10% Additives
Color	Copper Brown, Light Brown, Black, Cedar, Coffee, Dark Grey, Silver Grey, Yellow, Red and Wood
Size	178X20mm, 150X25mm, 147X23mm, 145X30mm, 140X25mm, etc.
Length	2200mm, 3660mm, 4890mm, 5900mm, etc.
Certifications	ISO9001, ISO14001, ASTM, SGS, CE
Application	Decking, Cladding, Railing, Fencing, Landscaping, Siding, Roofing, Gardening, Furniture, etc.

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