



VAN WOOD



www.wpc.ir



About Company

Vanwood company began working in the field of decorating and interior designing in 2003. Lack of appropriate products which can be used in outdoor spaces , be recycle and environmental friendly have led our managers to focus their activities on wood plastic composite (WPC) as a green material has an important role in preventing deforestation.

Van Wood by using the latest technologies and employing skilled personnel has made great strides in WPC manufacturing and localization of this industry with the aim of preserving the environment.





About WPC

Wood plastic composite (WPC) is a compound of wood powder (or Lignocelluloise fibers), and plastics like (Polypropylene, Polyethylene relyetylen, and Polyvinyl coloride) and other additives which is turned into sheet, profile and other shapes by extrusion process and it can fulfill the expectations of different industries such as building and automobile.



مقاوم در برابر شرایط جوی
WEATHER RESISTANT



مقاوم در برابر موریهانه و حشرات
TERMITE RESISTANT



ثبات رنگ و مقاوم در برابر اشعه UV
FADE RESISTANT



مقاوم در برابر آتش
FIRE PROOF



صرفه اقتصادی
SAVE MONEY



عمر طولانی و نگهداری آسان
LOW MAINTENANCE



نفوذ ناپذیر در برابر آب
WATER PROOF



۱۰۰٪ قابل بازیافت
RECYCLED CONTENT



مقاوم در برابر خراشیدگی
SCRATCH RESISTANT



فاقد هرگونه ترک و شکاف
SPLINTER RESISTANT



مقاوم در برابر پوسیدگی
MOLD RESISTANT



ضد لک
STAIN RESISTANT



دوستدار محیط زیست
SUSTAINABLE



عایق حرارت، پروند و صوت
COOL UNDER FOOT



مقاوم در برابر سر خوردن
SLIP RESISTANT



Technical Specifications

No.	Property	Value	Unit	Test Method
1	Specific Gravity	1.27	g/cm3	ASTM D792
2	Tensile Strength	19	MPA	ASTM D638
3	Elongation	1.1	%	ASTM D638
4	MOE	2980	MPA	ASTM D638
5	Flexural Strength	25	MPA	ASTM D790
6	MOR	3460	MPA	ASTM D790
7	IZ Impact Strength	4.5	KJ/m2	ASTM D4812
8	Falling Ball Impact	No Crack	1kg/1500mm	En477
9	Hardness	62.8(D)		ASTM D2240
10	Coefficient of thermal Expansion	3.5×10^{-5}	1/C	ASTM D696
11	Screw Ability	1020	N	ASTM D1761
12	Flame Spread Index(FSI)	Class B-75		ASTM E84
13	Water Absorption(2h)	0.6	%	ASTM D1037
14	Water Absorption(24h)	1.18	%	ASTM D1037
15	Resistance to Termite	0.3	%	ASTM D3345-74
16	Fungus Resistance	No Decay		ASTM D2017

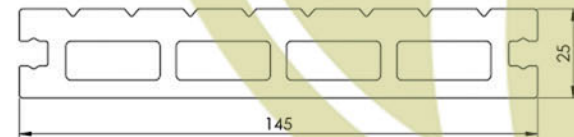




VD145

Heavy Deck 14.5 is a good alternative instead of timber products with lower price, also some specification such as light weight, various resistance and easy installation make it ideal for floor covering. By installing Vanwood's Deck 14.5 not only you assist the environment, but also you choose the best.

Deck 14.5 doesn't need polishing or in fact any maintenance other than the regular cleaning and the color is added to it during the production, it's color will not fade.





RoofGarden - Shemiran - 2017









VDL145

Light Deck 14,5 is a good alternative instead of timber products with lower price, also some specification such as light weight, various resistance and easy installation make it ideal for building facade, urban furniture, under ceiling covering and etc.











After

before



Lavasan - Pullover Garden



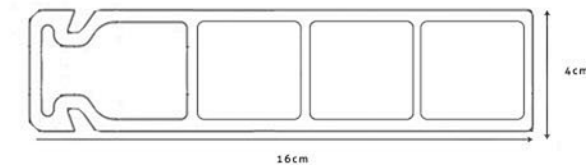




About Lover

False ceilings are one of the most useful structures used in various projects and one of its most beautiful species, especially for large projects such as the Louvre Commercial Complex.

The Louvre variety is very wide in terms of gender, shape, size, and price level and how it is installed, and therefore the consideration of the outcome of these features seems necessary for the correct selection.

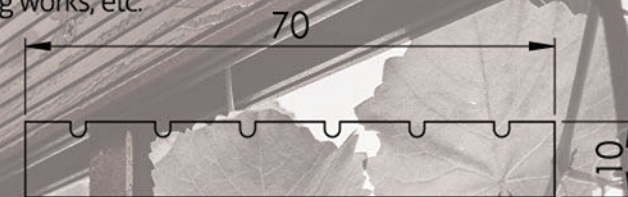






VT70

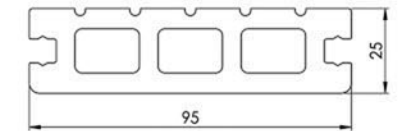
Another kind of plastic wood products are thai profiles which, according to their size and technical specifications, can be used for such applications as: trash can, bench forehead and forehead, Finishing works, etc.

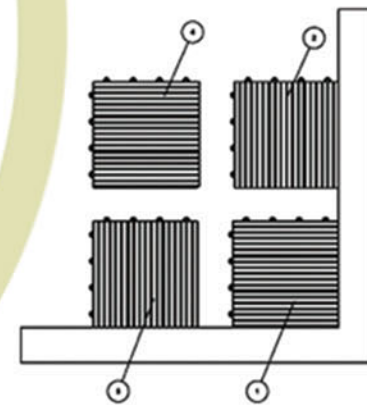




VD95

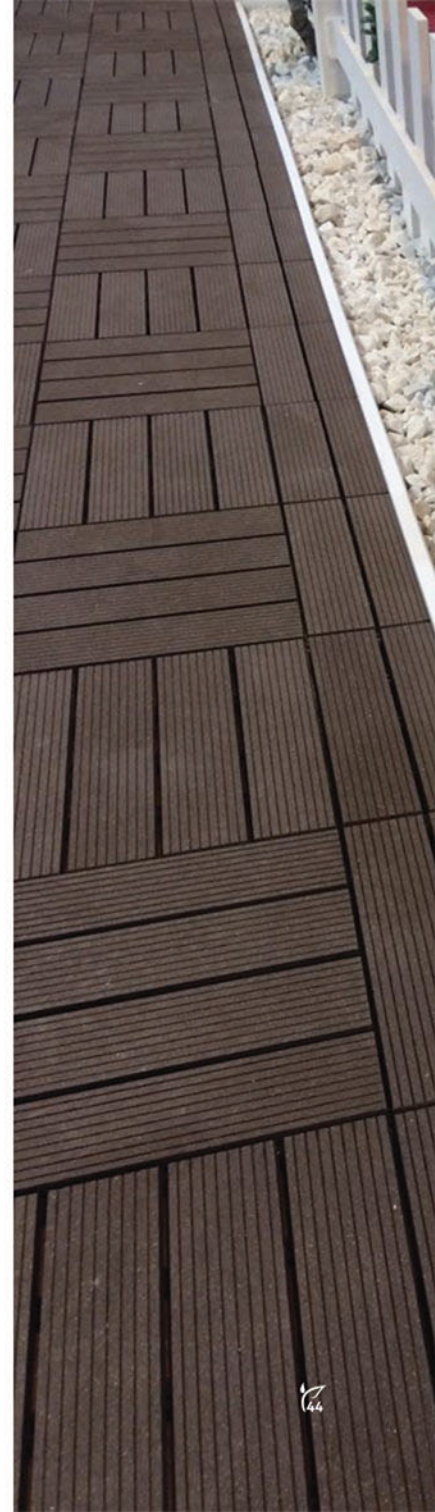
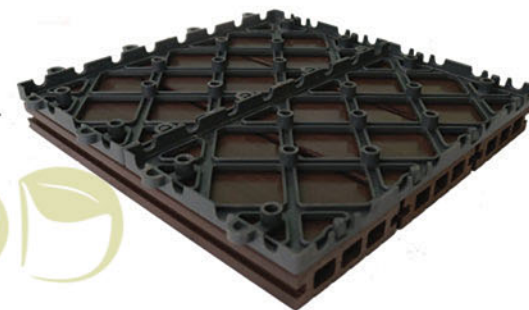
One of the most suitable wood plastic product is Deck 9.5, which has a good dimension for Urban furniture, flooring, building facade and so on. Other uses of Deck 9.5 is making Mosaic Tile .





Installation guide

Plastic cushion



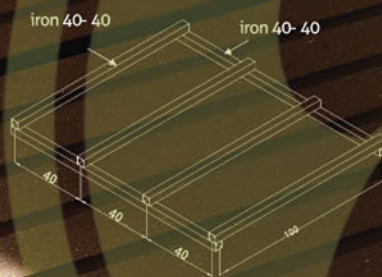
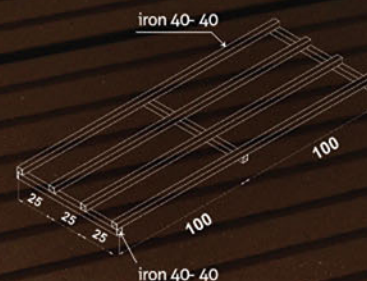






How to hold and prepare wood plast:

1. Wood plast should be positioned away from sunlight until installed.
2. The best way to arrange profiles is each layer opposite of the other layer (figure 3) and spacing horizontally if there isn't enough space (figure 4)



Primary points to begin installation of floor coverings:

1. The start of the installation operation should be arranged in such a way that other construction matters have been completed or there is no interference with the implementation.
2. The aux of iron chassis should be maximum 25 cm (figure 1) for floor and 40 cm (figure 2) for facade.
3. The screw is preferably made of galvanized steel with a suitable length to install the substructure of the iron and it's better to use a light iron.
4. Due to the swelling properties of the wood plast , it should be at least 10 mm from the wall at the end of the work.
5. Wood plast flooring profiles will be able to withstand a weight of 400 kilograms per square meter which varies depending on the product.

Note

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