

Wood Plastic Composite (WPC) Manufacturing Business

Description:

Wood Plastic Composite (WPC) Manufacturing Business. Start a Plastic Wood Composite Unit. WPC Board Production

Wood Plastic Composite is a hybrid material which combines the qualities of wood and the ease of workability of plastic. It is a composite material which has replaced natural wood and is sustainable as it is made of waste wood and recycled plastic. It is widely used in outdoor decking floors, railings, fences, cladding, outdoor landscape, cornices, door and window frames, indoor furniture, outdoor furniture etc.

Wood used in bio-composites is often obtained from side streams of wood products and pulp production, making it a low cost feedstock and monetizing wood material that otherwise might be wasted. Wood wastes produced during manufacturing of wood-based products such as paper, cardboard, crates, pallets, furniture and by-products of textile industry could also serve as reinforcement in a matrix of plastic composites, depending on the availability and suitability of these recycled materials. The wood fiber could also be in the form of fines that are formed as residue in the transportation stage of industrial bioenergy pellets, which are often exported overseas.

The main advantages of using Wood Plastic Composite are:

- The material is very easy to maintain and clean.
- The material is resistant to ultra violet light and its colour does not fade easily.
- WPC Board is highly durable and is not affected by rain, snow or peak summer conditions.
- The material is slip resistant hence is a very good material when used as deck flooring especially near swimming pools.

For more details download PDF file.

Keywords: Wood Plastic Composite, Manufacturing of Wood-Plastic Composite, Wood Plastic Composite Manufacturing Process, Wood-Plastic Composite (WPC), Wood Plastic Composite (WPC) Manufacturing Process, Production of WPCs, Wood Plastic Composite Manufacture, Wood Plastic Composite Manufacturing Process Pdf, Wood Plastic Composite Advantages and Disadvantages, Wood Plastic Composite Pdf, How to Make Wood Plastic Composite, Wood Plastic Composite Extrusion Process, Plastic/Composite Processing, Manufacture

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