

HIGHLY DURABLE AND ECONOMICAL



BAERWOOD

The Door Company



Eco wood

WPC DOOR FRAMES CATALOGUE

Baer Wood provides high quality WPC door frames, manufactured using high precision technology and ideal raw materials, which possess such desired qualities as stability, durability, safety, etc. The main objective of Baer Wood is to provide high quality WPC door frames which are resistant to moisture, cracking, and other harsh environmental conditions, and which possess the same quality as wooden door frames. The unmatched quality of our products combined with affordable price ranges has distinguished us from other competitors in market. At Baer Wood, we give attention to our customers' specific needs, and at the same time follow tight industry protocols for uncompromised quality!



Why WPC?

- ▶ Wood Polymer Composite (WPC) is a hybrid material composed of natural wood powder and recycled plastic material, and is a safe and environmentally-sustainable and long-lasting material for indoor and outdoor use.
- ▶ WPC offers a wide range of advantages over natural hard wood such as weather resistance, longer life, lower maintenance, affordability etc.
- ▶ With up to 70 percent cellulose content, WPC behaves like wood and conventional wood working tools, but at the same time they are extremely moisture resistant, termite resistant and fire resistant
- ▶ WPC ranges of products are biodegradable and quite eco-friendly

Properties of WPC

- Good Stiffness and impact resistance
- Dimensional Stability
- Resistance to Rot

- Resistance to fungal or insect attack
- Very low moisture absorption
- Excellent Thermal properties
- Will not split or crack

- Feel and appearance similar to wood
- Low maintenance, no need to paint or polish
- Good screw retention

Benefits of Wood Polymer Composites

- ▶ It's a hybrid material and combination of both wood and plastic products
- ▶ Use of low cost and plentiful raw material - wood waste and recycled plastics become assets instead of liabilities
- ▶ Competitively priced, and are competitive with traditional materials.
- ▶ Easily fabricated using traditional wood processing techniques.
- ▶ It can cut be cut, nailed and screwed like wood.

Comparison Chart

CHARACTERISTICS	WOOD	WPC
Rigidity	Rigidity	Higher than wood
Durability	Ordinary	Long
Processing easiness	Easy	Easy
Corrosion property	Bad	Good
Sunlight resistance	Good	Good
Outdoor adaptability	Special treatment needed	Great
Recycling	Can't be recycled	100% recyclable
Fading Resistance	Low	High
Painting requirement	Periodic	If only needed
Distortion Resistance	Affected by climatic conditions	High

Some of our models



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