



Why WPC ?

- ▶ Good mechanical properties
- ▶ High dimensional stability
- ▶ Long life cycle applications
- ▶ Excellent thermal properties
- ▶ Low moisture absorption
- ▶ Termite & Borers Proof
- ▶ Water proof
- ▶ Fire proof
- ▶ No swelling, no shrinkage

- Garden - furniture, fences, outdoor flooring
- Streets - noise barriers sheet pilings for landscaping Indoor
- Building - doors (frames and profiles), furniture parts (cupboard legs, kitchen cupboard frames etc.), chairs, window sills
- MDF replaced in areas of high humidity
- Automotive (interior trim), "under the hood" covering and parts exposed to less than 110°C
- Transport - trucks and containers (e.g. loading platforms)

Woodplex: WPC (Wood Plastics Composite) Extrusion Machine



Rajoo and Bausano, Italy collaboration has given rise to India's first WPC (Wood Plastics Composite) Extrusion Machine. Construction, flooring, furniture and decking companies would significantly benefit as these machines come with a range of capacities (200 kg/hr to 1200 kg/hr) to manufacture profiles and boards that would use upto 80% of wood powder, a first ever in the industry

WPC Applications

Outdoor

- Building : non-load-bearing/non-structural applications - decking, railings, window frame, porches and docks

About Rajoo Bausano

Every great manufacturing accomplishment is a fine blend of two attributes – technology and infrastructure. Rajoo Bausano Extrusion Pvt. Ltd. is a great example of one such initiative, which commenced its operations in 2010. Rajoo Engineers Ltd., one of India's leading manufacturers of plastic extrusion machinery formed a Joint Venture with Bausano & FigliSpA, Italy to manufacture and market pipe and profile extrusion lines including wood composite profiles in India

Rajoo Engineers Limited (www.rajoo.com) is a leading and one of the fastest growing manufacturers of plastic extrusion machinery in India. Having commenced its operations in 1986, Rajoo is today considered as an undisputed global player as and as a complete solution provider for plastics extrusion.

Bausano & FigliSpA, Italy (www.bausano.com) was established in 1946. The company has nearly seven decades of rich experience in PVC processing machinery.

Rajoo Bausano Extrusion Pvt. Ltd., the JV Company is a combination of Rajoo's best in the class infrastructure and Bausano's sublime pioneering technology.

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