

Recycled Wood Plastic Composite – “Zen-wood”

HM Environmental Technologies Ltd.



Zen-wood is Hong Kong’s first and only Made-in-HK wood plastic composite (WPC) product manufactured from local wood waste at our production line. Wood waste collected from partners, including construction sites and properties is crushed into wood powder and mixed with high-density polyethene, other additives and a developing new material technology. Through recycling technology and extrusion, the mixture is transformed into WPC.

On top of this eco-production technology, Zen-wood is also under an on-going research and development project. This research will implement several value-added properties into Zen-wood, including antimicrobial and low water absorption features.

The technology of transforming wood waste into end product brings a revolutionary development in the green action in Hong Kong construction industry.

