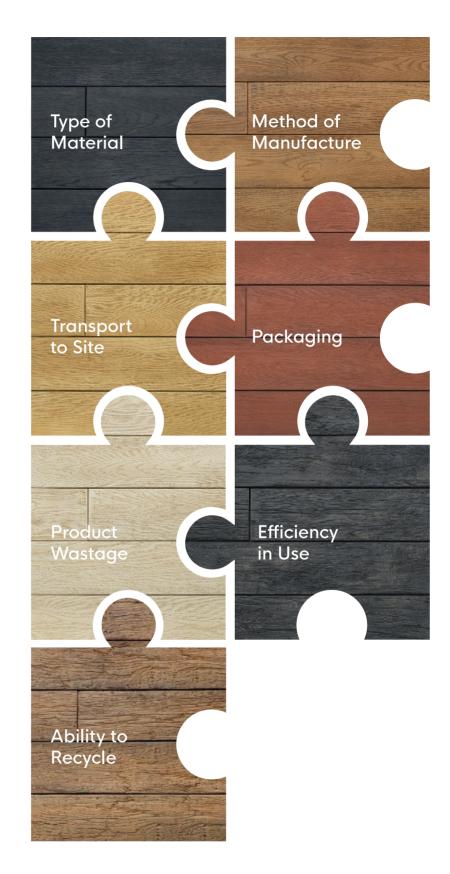


THE MILLBOARD SUSTAINABILITY JIGSAW MODEL

We have used this jigsaw model to show the interconnected nature of Millboard's production and processes. From manufacture to delivery, sustainability is a major consideration.







While most composite decking boards are thermoplastic (melted plastic mixed with wood), the structural core of Millboard is a blend of natural minerals bonded in a polymer resin – such composite materials are designed to provide mechanical strength, chemical resistance and durability.

The Lastane layer on the boards is made partly from renewable raw materials, utilising biobased/natural oil polyols as opposed to a petroleum-based material. Natural oil polyols are derived from naturally occurring vegetable oils, therefore represent a fully renewable raw material base.

Over a third of the raw materials used for making the structural core of Millboard is recycled, these materials have been diverted from waste streams and reprocessed to create premium ingredient for our boards.

Polyurethane is inert, safe and extremely versatile, and its product on process uses less than 0.1% of oil consumed worldwide, saving 14.5 million tonnes of CO2 in Europe each year – that's equivalent to one year's worth of electricity use in two million homes.



METHOD OF MANUFACTURE

Processing Polyurethane is more energy efficient than processing thermoplastics. The production process of Millboard decking also replaces problematic HFCs with water as a blowing agent, reducing the Global Warming Potential and eliminating Ozone Depletion Potential.

