

# accoya – The Fast Facts

Accoya® is the result of more than 75 years' research and development that have brought together a long-established and extensively researched wood modification technique, acetylation, and leading-edge technology to create and make this extraordinary “new wood” commercially available for the first time.

It is produced by reacting plantation grown softwood with a concentrated form of vinegar, under conditions of high temperature and pressure, and where every production batch is tested to determine decay resistance and dimensional stability.

- Sourced from sustainable, non endangered forests.
- Class 1 durability – Characteristics of durable tropical hardwoods like Mahogany and Teak.
- 100% recyclable
- UV value of 1.3W/m<sup>2</sup>K
- Outstanding dimensional stability which dramatically improves coatings adhesion and product performance
- Reduced thermal conductivity
- Non- toxic
- UV degradation resistant
- Low carbon footprint compared with other building materials, such as aluminium, steel, PVC and unstainably sourced tropical timber.
- Mould and insect resistant
- Reduced swelling and shrinkage by 70% or more
- Acknowledged as 100% biodegradable by MBDC
- Consistent, measurable quality all the way through the wood, not just at the surface.