

Accoya



WOOD TYPE Hardwood

INTRODUCTION Accoya – ideal for windows, doors, cladding, decking, structural and much more

For window frames, Accoya® wood is the material of choice. Not only does it have extremely low thermal conductivity but it matches or exceeds the durability and dimensional stability of the best tropical hardwoods. It can be opaque coated or, for those wishing to enjoy the natural look of wood, translucent coated. Accoya®'s low maintenance requirements add to its cost effectiveness and environmental credentials.

Exterior doors and shutters should be durable, dimensionally stable (to prevent doors jamming and becoming difficult to open and close in bad weather) and easy to maintain. Accoya® wood meets these criteria and may be used to create simple or complex designs with a choice of coating finishes with typically greatly improved lifetimes.

Accoya® wood is a perfect solution for exterior cladding, siding and façades where aesthetics, less frequent maintenance, dimensional stability, durability and insulation value are key factors. Accoya®'s versatility makes it ideal for use in residential, commercial and industrial structures.

In specifying decking, beauty, strength and all-weather performance are important. A material that is durable, stable and beautiful is desirable. It is also crucial that the wood is non-toxic and therefore totally safe for people and pets. Accoya® wood meets these requirements.

Accoya wood has been modified right through to the core and this non toxic process does not weaken the original wood – in fact, its hardness is improved – nor does it compromise its bending strength. Therefore combined with exceptional durability and stability Accoya wood can be an ideal material for structural requirements and has been used in bridges and other large structures around the world.

BENEFITS Extensive laboratory and field testing by leading institutes around the world (including in New Zealand, USA, UK, Sweden, Malaysia, Indonesia, Russia, the Netherlands and Japan) has shown the performance of acetylated wood to be extremely reliable. Accoya® wood has been thoroughly tested for dimensional stability, durability, UV resistance, paint retention and in-ground conditions to ensure optimal performance. Indeed, it is so reliable that for many years it has been – and continues to be – used by scientists as the benchmark against which other treatments and modifications are measured.

LONGER LASTING Accoya wood's durability makes it very long lasting, at least 50 years above ground and 25 years in-ground or freshwater contact. Accoya wood forms an effective barrier to mould and insect attack; it is indigestible to microorganisms and insects and therefore more durable to wood-destroying fungi and virtually rot-proof.