

The Smarter Outdoor Furniture Investment

Acetylated Wood

What is Acetylated Wood?

Acetylated wood is a revolutionary material that takes traditional wood and makes it even better. Through a non-toxic modification process, the wood is transformed to resist weathering, decay, and insect damage. Unlike traditional wooden or plastic furniture, acetylated wood provides the perfect balance of natural beauty, strength, and sustainability for outdoor environments.



Heavy-Duty and Durable

Our acetylated wood furniture is designed to last for decades, outliving heavy-duty plastic units that degrade and fade over time.



No Microplastics

Unlike plastic playground equipment, which breaks down into harmful microplastics that pollute our environment and harm our health, acetylated wood is completely safe, natural, and biodegradable.



Strength and Stability

The unique acetylation process strengthens the wood from within, making it more stable and resistant to shrinking or expanding due to temperature changes.



Scan QR Code
To View Online

OUTDOOR SPACES

Acetylated Wood Outdoor Furniture



Why Go With Acetylated Wood?

While the upfront cost of acetylated wood may be higher than plastic, its long-term value is unmatched. Plastic units often need to be replaced after a few seasons due to damage or wear, whereas acetylated wood maintains its appearance and strength for decades. Its resistance to rot, decay, and pests means minimal maintenance and no need for costly treatments or replacements. In the long run, acetylated wood offers superior value, saving you money and hassle over time.



Wood Designs®

EARLY LEARNING FURNITURE



Acetylated Wood vs Plastic

Acetylated wood is resistant to warping and splintering, and it's also resistant to retaining and projecting heat. It can sit in outside rain or shine without affecting its durability.

Durability

Plastic can be strong and can withstand wear and tear, but its durability comes from the materials that make it. Plastic can also become brittle after prolonged UV-Light exposure.

Acetylated wood is a CO2 negative substitute for tropical hardwood and non-renewable resources.

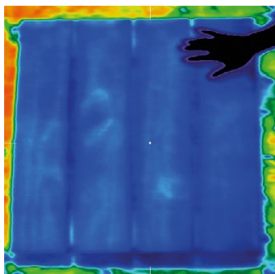
Environmental Impact

Plastic pollution can alter habitats and natural processes, reducing ecosystems' ability to adapt to climate change.

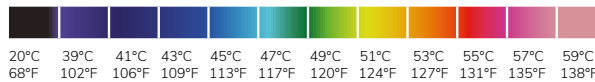
Accoya Wood is indigestible by a wide range of pests and insects (including termites), resulting in an effective barrier to attack.

Termites & Critters

Plastic is also indigestible to insects.

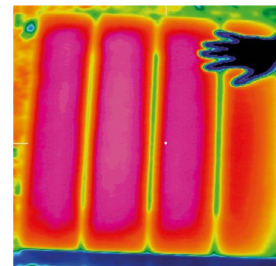


Accoya Wood



Thermal Conductivity

The ambient temperature during the testing was 32°C or 90°F.



Wood Plastic Composite

Technical Information on Accoya Wood



<https://www.accoya.com/architects/technical/>