

Press Release

27 January 2026

Cleantech Building Materials plc

Showcasing Accoya® Wood – Recent Projects in Southeast Asia

Cleantech Building Materials plc (“CBM” or the “Company”) is proud to showcase two recent projects in Malaysia and Thailand, demonstrating the versatility of Accoya® Wood to create sustainable, visually stunning, high-performance features in a variety of applications.

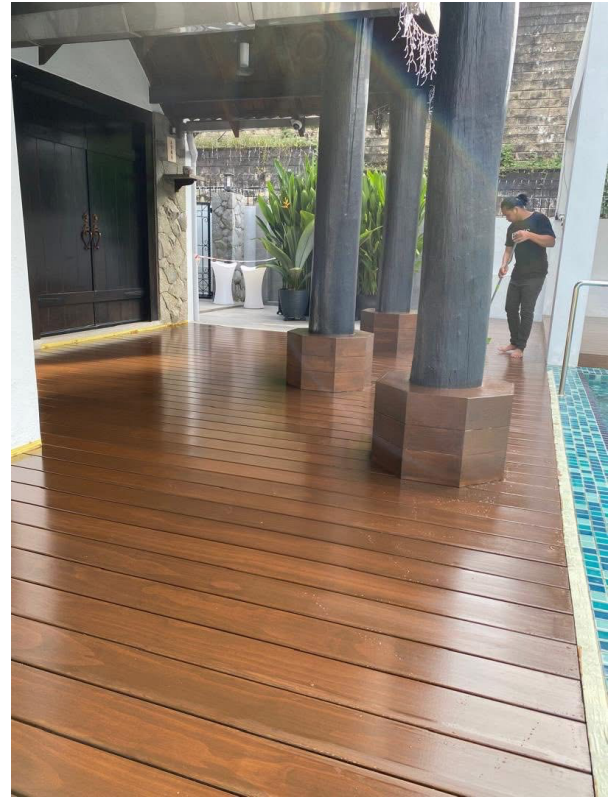
Cool and Durable Accoya® Wood Poolside Decking in Malaysia

This recent project in Malaysia features Accoya® Wood decking installed around a swimming pool, designed to withstand the tropical climate of intense sun, high humidity, and frequent water exposure.



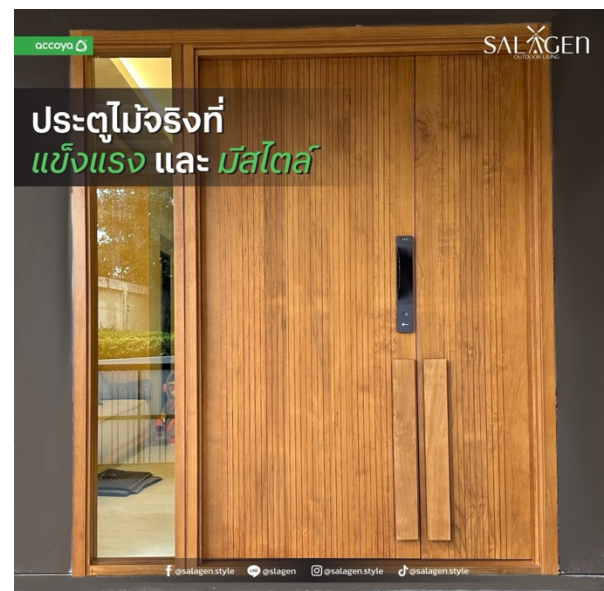
The homeowner selected Accoya® Wood for its exceptional performance in such demanding conditions. Beyond its renowned resistance to decay, swelling, and splintering, Accoya® Wood offers a significant additional benefit - excellent thermal insulation. Unlike many conventional decking materials that become uncomfortably hot under the sun, Accoya® Wood remains noticeably cooler to the touch. This makes it safe and pleasant for barefoot enjoyment, even in the heat of the day.

The end result is a beautiful, sustainable, and low-maintenance poolside oasis with Accoya® Wood providing lasting comfort underfoot, enduring structural integrity, and timeless aesthetic - delivering a worry-free outdoor living space for years to come.



Luxurious Accoya® Wood Front Door in Thai Villa

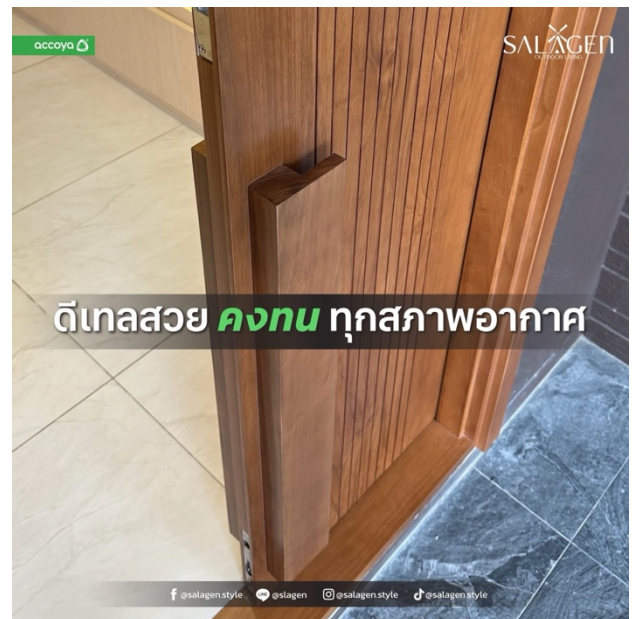
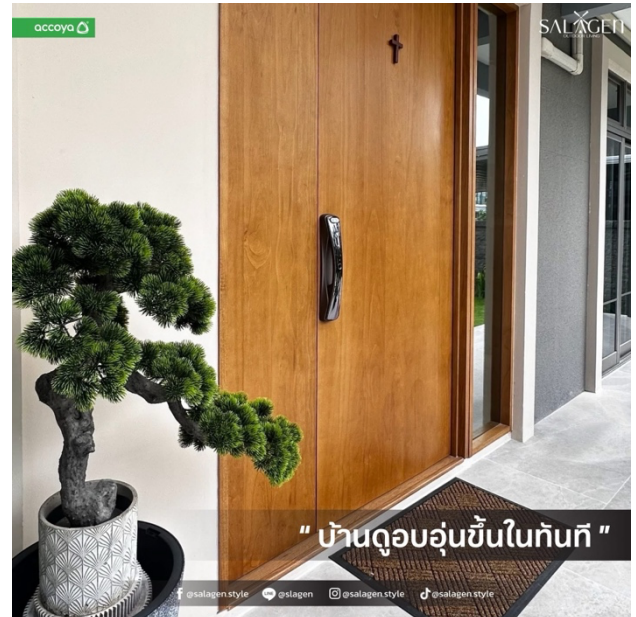
We are also pleased to share a recent project in Thailand, demonstrating a different type of application of Accoya® Wood, where a stunning, custom-made entrance door was crafted from Accoya® Wood for a private villa. The door was elegantly finished with Renner's water-based coating in a rich teak colour, perfectly complementing the property's tropical architecture.



The homeowner selected Accoya® Wood for its unparalleled performance in humid, challenging climates in Southeast Asia. Accoya® Wood's revolutionary acetylation process ensures exceptional dimensional stability, meaning the door will resist swelling, warping, and shrinking despite intense heat and moisture. This guarantees a perfect, reliable fit and smooth operation for decades.

Furthermore, Accoya® Wood's enhanced durability and natural resistance to decay and insect attack provide long-term peace of mind with minimal maintenance. The choice of Renner's premium outdoor coating not only enhances the wood's beautiful grain with a warm, desirable teak hue, but also adds a robust protective layer against UV rays and weathering.

This installation exemplifies how Accoya® Wood combines sustainability with superior technical performance. The result is a grand, welcoming entrance that offers the villa's owners lasting beauty, outstanding reliability, and a significant reduction in lifetime maintenance - a true statement of quality and intelligent material choice.



The Accoya® Wood Advantage

Accoya® Wood is a revolutionary solid wood product created through a patented acetylation process that transforms fast-growing FSC®-certified Radiata Pine into a material with strength and durability to rival—and often exceed—traditional tropical hardwoods and carbon-intensive materials like steel, aluminium, and PVC.

Used in applications ranging from windows and doors to cladding, decking, and high-end architectural design, Accoya® Wood offers:

- **Dimensional stability and durability** backed by a 50-year warranty;
- **Low maintenance and long coating life**, reducing total lifecycle cost; and
- **Superior performance in tropical climates**, including high resistance to termites and splintering, and a cooler surface underfoot.

Accoya® Wood is the only structural building material in the world to have received **Cradle to Cradle™ Gold** certification. Its carbon-sequestering properties are profound: for every cubic metre produced, 944kg of CO₂ is captured, while only 88kg is emitted.

Through its wholly owned subsidiary, Diamond Wood China Limited, CBM is currently constructing the first Accoya® Wood factory in China, with Phase 1 capacity progressively reaching 160,000m³—laying the foundation for a major shift towards carbon-negative construction in the world's largest building materials market. At full Phase 2 capacity, CBM's China factory will produce 320,000m³ of Accoya® Wood annually, sequestering carbon equivalent to the emissions from over 11 million litres of gasoline every year. Phase 3 is planned to increase capacity further to 480,000m³ of Accoya® Wood annually.

Diamond Wood, CBM's operating business in Asia, has maintained **FSC® certification** since 2008—ensuring full traceability and responsible sourcing from sustainably managed forests. The new China manufacturing facility, now under construction, will incorporate advanced environmental standards and closed-loop systems that repurpose key production outputs—paving the way for a fully circular and low-impact industrial model.

With more than 6,000 projects across Asia already incorporating Accoya® Wood, the refreshed brand signals the Company's intent to lead a global transition toward sustainable, performance-driven construction materials.

Further Enquiries:

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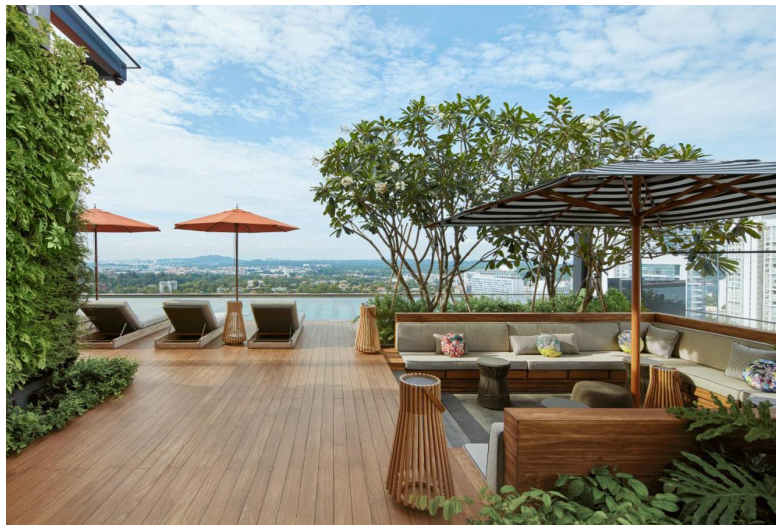
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Notes to Editors:



CBM, through its subsidiary Diamond Wood China Limited, owns exclusive manufacturing rights to Accoya® Wood in China and is in the process of building a new large scale Accoya® Wood factory in China to meet the huge demand in the region.

For more information please see: <http://www.cbm-plc.com> and <https://www.diamondwoodchina.com>



Accoya® Wood is produced using a proprietary patented acetylation technology that effectively converts sustainably grown softwoods and non-durable hardwoods into what is best described as a 'high technology wood'. Distinguished by its durability, dimensional stability and, perhaps most importantly of all, its reliability (in terms of consistency of both supply and quality), Accoya® Wood is particularly suited to exterior applications where performance and appearance are valued. Moreover, the Accoya® Wood production process does not compromise the wood's strength or machinability. The combination of dimensional stability, durability and retained strength means that Accoya® Wood offers a wealth of new opportunities to architects, designers and specifiers. These benefits result in lower maintenance and total cost of ownership while using a higher sustainable and environmental responsible building material.



As an example of Accoya® Wood's use, Google's London headquarters, is the largest wooden façade in the world (23,300 m² total area). Accoya® wood was selected for its negative carbon footprint, resistance to exterior elements, and its beautiful natural aesthetic.



For more information please see: <https://www.accoya.com>