

Press Release

30 March 2026

Cleantech Building Materials plc

Showcasing the Versatility of Accoya® Wood

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

Taikoo Li Project, Guangzhou, China

Guangzhou's newest retail landmark, Taikoo Li Julong Wan, officially opened its first phase in late 2025. As the first ‘Taikoo Li’ project in the Greater Bay Area, this premier low-density, open-plan retail and leisure development transforms the historic Bai’etan waterfront by integrating Lingnan cultural elements with modern design.



A distinctive feature of the project's outdoor spaces is the use of Accoya® Wood for prominent curved handrails along the boardwalk. These profiled sections presented significant fabrication challenges, requiring precise engineering to achieve the desired geometry while maintaining

structural integrity. The Accoya® Wood's exceptional machinability made it ideal for such complex joinery work.

The handrails were finished with Sikken's durable water-based coating, ensuring long-lasting protection against UV degradation and weathering. The entire scope - material supply, precision fabrication and coating - was expertly managed by local Accoya® Wood distributor Foshan Hexiang Building Materials Co., Ltd, ensuring its tactile waterfront elements are as resilient and sustainable as they are architecturally distinctive.



Accoya® Wood's technical properties deliver significant benefits for this waterfront application:

- Superior dimensional stability: The acetylation process drastically reduces moisture absorption, preventing swelling, shrinking, or warping in Guangzhou's humid climate.
- Extended coating life: Enhanced stability means protective coatings last three to four times longer than on conventional wood.
- High durability: Ensures excellent resistance to rot, decay, and insect attack with minimal maintenance.
- Sustainability: FSC®-certified and Cradle to Cradle Certified® Gold, supporting the project's high sustainability goals.

The RGE Cloud, Indonesia

"The RGE Cloud" is a large collaborative art installation designed by Kengo Kuma and Associates and Antony Liu / Studio TonTon for the RGE Community Centre located in Kerinci, Riau, Indonesia. Utilising Accoya® Wood the installation was constructed by Indonesian Accoya® Wood distributor, WoodLam. It is an abstract interpretation of the eagle's feathers, translated into layers of wooden elements that overlap like clouds.



Accoya® Wood, with its warmth, grain, and natural imperfection, is treated as a living material - an extension of the natural environment rather than a separation from it. The structure is composed of simple triangle shaped, 'Tsumiki' wooden modules, allowing small, human-scale components to be assembled into a larger collective whole. This approach reflects the designers' philosophy in which architecture is not imposed, but patiently formed through accumulation, rhythm, and collaboration.



Commenting, Willy Paterson-Brown, Chair of CBM, said:

“We are delighted to showcase these two highly distinctive projects, which demonstrate the breadth of opportunity for Accoya® Wood well beyond its traditional applications such as windows, doors and decking. From the precision-engineered, curved waterfront handrails at Taikoo Li in Guangzhou to the sculptural, modular installation of The RGE Cloud in Indonesia, these projects highlight Accoya® Wood’s ability to combine technical performance with architectural creativity.

“What is particularly compelling is how Accoya® Wood enables designers to push boundaries, whether through complex geometry, large-scale public features or expressive, artistic structures, while retaining the durability, stability and sustainability credentials required for long-term outdoor use, even in demanding tropical environments.

“As global demand grows for materials that can deliver both performance and lower environmental impact, we believe Accoya® Wood is increasingly being specified not only as a substitute for traditional materials, but as a material of choice for innovative, design-led applications. These projects are an excellent illustration of that shift and reinforce our confidence in the significant growth opportunity ahead.”

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 Certified® 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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Notes to Editors:

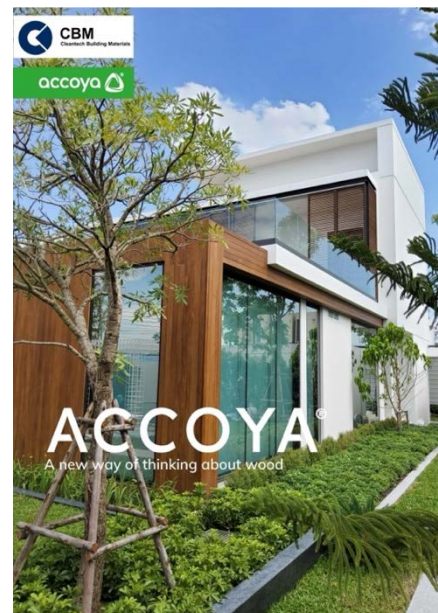


CBM, through its subsidiary Diamond Wood China Limited, owns exclusive manufacturing rights to Accoya® Wood in China and is in the process of building a new large scale Accoya® Wood factory in China to meet the huge demand in the region.

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>