

Accoya® wood successfully recertified with cradle to cradle Gold certification

The Accsys Group is delighted to confirm that Accoya wood has retained Gold Standard Cradle to Cradle certification for the seventh year running. The high performance wood also retains Platinum standard in the Cradle to Cradle Material Health classification.



Accoya was specified for Venlo City Hall, NL. This building boasts the highest possible application level of Cradle to Cradle

Accoya, the world-leading high performance sustainable wood product, has been successfully re-awarded Gold status by the prestigious [Cradle to Cradle \(C2C\) Product Innovation Institute](#), in recognition of its sustainable credentials across its lifespan.

The industry standard for product environmental performance and societal impact, the successful recertification, valid until June 2019, comes as more rigorous assessment processes have been introduced for 2017.

The certification highlights the importance of using the Cradle to Cradle philosophy in construction and joinery projects and demonstrates the positive impact of C2C products on the environment. Awarded the C2C Gold certificate for its sustainable wood sourcing strategy, the use of more than 50% renewable energy while being fully non-toxic, Accoya

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wood perfectly fits the C2C bio-cycle, as well as matching the technical performance of non-renewable, carbon intensive materials from the techno-cycle, such as PVC and aluminium.

Accoya was also re-awarded Platinum status, the highest possible certification level, in the category for Material Health. This was issued as a separate certificate, and highlights that the product poses no danger to either the environment or human health.

Furthermore, having confirmed through C2C Material Health that Accoya is non-toxic and free from hazardous chemicals, it exceeds the benchmarks for any international Google project and has been listed as an optimised product on Google's healthy materials portal, Portico.

Accoya is the only structural building material to achieve this prestigious accolade to date and further ensures it stands up to every application challenge from decking to cladding and doors to structural beams.

Paul Clegg, CEO for Accsys Group, manufacturer of Accoya wood, commented: *'We are delighted that Accoya has once again been awarded C2C Gold Status and recognised for its non-toxic properties with a Platinum classification for Material Health. New, more stringent, assessment processes make the re-certification even more reflective of the business' ethos.*

'Our environmental impact is of huge importance to us, from our FSC® certified timber sources to our acetylation process that enables our wood to be safely reused, recycled and incinerated. We're committed to producing a high performance product whilst considering our social responsibilities and this recognition is testament to the success of this philosophy.'

Manufactured using Accsys' proprietary acetylation process, Accoya wood delivers remarkable levels of stability, sustainability and durability. Exceeding the high quality and aesthetic attributes of tropical hardwoods, Accoya wood boasts excellent environmental credentials, withstands the most extreme external environments and is incredibly low maintenance with 90 years of research and development to prove its reliability.

For further information, visit www.accoya.com.

Notes to editors:

Accsys Group and Accsys Technologies PLC (<http://www.accsysplc.com/>) is a chemical technology group whose primary focus is on the production of Accoya® wood and technology licensing via its subsidiary, Titan Wood Limited, which has manufacturing operations in Arnhem, the Netherlands (through its subsidiary Titan Wood B.V.), a European office in London, United Kingdom, an American office in Dallas, Texas (via its subsidiary Titan Wood, Inc.) and technology licensing associated with the acetylation of wood elements via its subsidiary Tricoya Technologies Limited. Any references in this announcement to agreements with Accsys shall mean agreements with either Accsys or its subsidiary entities unless otherwise specified. Accsys Technologies PLC is listed on the London Stock Exchange AIM market and on Euronext Amsterdam, under the symbols 'AXS'. Accsys' operations comprise three

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principal business units: (i) Accoya® wood production; (ii) technology development, focused on a programme of continuous development of and improvements to the process engineering and operating protocols for the acetylation of solid wood and the development of technology for the acetylation of wood elements; and (iii) the licensing of technology for the production of Accoya® wood and Tricoya® wood elements across the globe.

Accoya® wood (<http://www.accoya.com>) is produced using Accsys' proprietary patented acetylation technology that effectively converts sustainably grown softwoods and nondurable 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. Unlike most tropical and European hardwoods, its colour does not degrade when exposed to ultraviolet light. Moreover, the Accoya® wood production process does not compromise the wood's strength or machinability. The combination of UV resistance, 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. For a full archive of Accoya® news, visit <https://www.accoya.com/news-events/news/>

Tricoya® Wood Elements (<http://www.tricoya.com>) are produced using Accsys' proprietary technology for the acetylation of wood chips, and particles for use in the fabrication of panel products such as medium density fibreboard and particle-board. These products demonstrate enhanced durability and dimensional stability which allow them to be used in a variety of applications that were once limited to solid wood or man-made products. Exploitation of Accsys' proprietary technology relating to Tricoya® Wood Elements is carried out through Tricoya Technologies Limited. Tricoya® Wood Elements are lauded as the first major innovation in the wood composites industry in more than 30 years.

Wood Acetylation is a process which increases the amount of 'acetyl' molecules in wood, thereby changing its physical properties. When carried out to a sufficient level throughout the wood, this process protects wood from rot by making it "inedible" to most micro-organisms and fungi, without - unlike conventional treatments - making it toxic. It also greatly reduces the wood's tendency to swell and shrink, making it less prone to cracking and ensuring that, when painted, it requires dramatically reduced maintenance.

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