

CONTRIBUTION OF ACCOYA TOWARDS GREEN STAR – DESIGN & AS BUILT V1.1

Accoya® wood may contribute to several credits of **Green Star - Design as Built** certification scheme of the Green Building Council of Australia.

Similar to other leading green building certification systems worldwide such as BREEAM and LEED, **Green Star - Design & As Built** assesses the sustainability performance of the design and construction of buildings across the Australian continent. It provides a rigorous and holistic rating across nine impact categories: management, indoor environment quality, energy, transport, water, materials, land use and ecology, emissions and innovation. There are 100 points available in the rating tool and 45 points are required for a minimum rating. The table below provides an overview of those Green Star credits applicable to Accoya that can positively influence the rating of a Green Star certified building. For more detailed background information please contact us at sustainability@accsysplc.com.

| CREDIT NAME | MAXIMUM POSSIBLE CONTRIBUTION | RATIONALE / EVIDENCE |
|--|---|--|
| 19 Life Cycle Assessment - building level | 19A.1 Comparative Life Cycle Assessment Up to 6 points | Environmental Product Declarations (EN 15804) and LCA / carbon footprint studies (ISO 14044/44) for Accoya reveal a very low environmental impact over the full life cycle compared to the commonly used building materials (aluminium, steel, PVC, tropical hardwood) it replaces in demanding outdoor applications. Therefore, the higher the volume of Accoya applied, the higher the cumulative LCA benefit compared to the reference building. |
| 20 Responsible Building Materials | 20.2 Timber products 1 point | Accoya wood is always made from sustainably sourced wood from FSC certified plantations and forests, see FSC certificate . |
| 21 Sustainable Products | 21 Product Transparency and Sustainability Up to 3 points | As Accoya since 2016 has a product specific, EN 15804 / ISO 14025 compliant, third party verified EPD available online , it merits in the Green Star Sustainable Products calculator a Sustainability Factor (SF) of 0.75. Combined with the high economic value of Accoya, this means high volume application of Accoya can significantly contribute to a high Project Sustainability Value (PSV). |

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