CONTRIBUTION OF ACCOYA® TOWARDS HQE INTERNATIONAL

Accoya® wood contributes to several credits of the HQE International – Non-residential buildings[1] certification scheme.

Similarly to other leading green building certification systems, (such as BREEAM and LEED) HQE International, assesses the sustainability performance of the design, construction and management of buildings and urban planning projects. Deriving from the French HQE scheme, HQE International provides a rigorous and holistic rating across four themes: energy, environment, health and comfort. Plus, several subcategories where there are conscious selections of building materials playing other pivotal roles.

The table below provides an overview of those HQE International credits where Accoya applications can contribute to additional points and therefore reach a higher score regarding the overall assessment of a building. For more detailed background information please contact us at sustainability@accsysplc.com.

[1] © Cerway – Assessment Scheme for the Environmental Performance of Buildings – 'Non-residential buildings' – 01 January 2016

CREDIT NAME	MAXIMUM POSSIBLE CONTRIBUTION	RATIONALE / EVIDENCE
2.3 CHOOSING CONSTRUCTION PRODUCTS TO LIMIT THE ENVIRONMENTAL IMPACT OF THE BUILDING		
2.3.1 Determine Environmental Impact construction products	7 points	The Environmental Impact of Accoya following various indicators is publicly available in an Environmental Product Declaration following EN 15804.
2.3.2 Limit Environmental Impact construction products	3 points	The EPD (see above) 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, therefore resulting in a lower environmental impact of the building.
2.3.4 Implement materials enabling CO_2 to be trapped	3 points	Accoya wood is always made from sustainably sourced wood from FSC® certified plantations and forests, see FSC certificate. In addition, because of the increased durability, it can capture CO_2 much longer than normal timber can.
2.4 CHOOSING CONSTRUCTION PRODUCTS TO LIMIT THE HEALTH RELATED IMPACT		
2.4.3 Limit pollution due to wood treatments	2 points	Instead of the traditional wood conservation method of treating with biocides, Accoya is made through acetylation, a non-toxic (C2C material health platinum) wood modification technology increasing the durability to a guaranteed class 1 (EN 350). The acetylation process adds nothing to the wood that is not already naturally occurring, therefore presenting no environmental hazard in the End-of-Life phase, and no need for additional impregnation with biocides.

UNITED KINGDOM

Brettenham House, 19 Lancaster Place, London WC2E 7EN
T: +44 (0)207 421 4300

THE NETHERLANDS

Postbus 2147
6802 CC Arnhem
T: +31 (0)26 320 1400

USA

5000 Quorum Drive #620
Dallas, Texas 75254
T: +1 (0)972 233 6565

www.accoya.com