

CONTRIBUTION OF ACCOYA® WOOD TOWARDS BREEAM INTERNATIONAL

BREEAM is one of the most important green building certifications worldwide. For Accoya®, **BREEAM New Construction** is the most relevant scheme subdivided in nine environmental categories, each with a different weighting.

The table below gives a good overview for which BREEAM International credits application of Accoya® can provide a direct or indirect contribution. For a memo with more detailed background information please contact us at sustainability@accsysplc.com.

CREDIT NAME	RATIONALE / EVIDENCE
DIRECT CONTRIBUTION	
MAT 1 Lifecycle impact	Environmental Product Declarations (EPD following EN 15804), LCA studies (ISO 14040/44 compliant) and carbon footprint studies executed for Accoya®, show a lower environmental impact compared to commonly used building materials.
MAT 3 Responsible sourcing of materials	Accoya® is FSC or PEFC certified, which belong to highest tier level for MAT 3, which relates to additional points for this credit.
INN 1 Innovation	Innovative use: As a new material with a low environmental footprint, Accoya® opens up applications for wood where it was never used before, substituting non-renewable materials with high environmental footprints.
INDIRECT CONTRIBUTION	
MAN 5 Life cycle cost and service planning	Low maintenance frequency and therefore reduced costs over full life cycle because of the high durability (class 1 - EN 350) and high dimensional stability (low coating frequency). For more background information see the performance brochure and this webpage .
ENE 1 Energy efficiency	Accoya® has a good insulation performance (Thermal conductivity declared value of 0.120 W/(m*K) = 4-50% improvement over regular wood species) resulting in a better energy performance when applied in building envelope: windows, doors, etc.

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

ACCSYS
GROUP

