

# 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](mailto:sustainability@accsysplc.com).

CREDIT NAME	RATIONALE / EVIDENCE
<b>DIRECT CONTRIBUTION</b>	
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.
<b>INDIRECT CONTRIBUTION</b>	
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 <a href="#">performance brochure</a> and <a href="#">this webpage</a> .
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.

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