

## 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
Direct contribution	
<b>MAT 1</b> Lifecycle impact	<b>LCA studies</b> (ISO 14040/44 compliant) and <b>carbon footprint</b> studies executed for Accoya®, show a lower environmental impact compared to commonly used building materials.
<b>MAT 3</b> Responsible sourcing of materials	Accoya® is <b>FSC</b> or <b>PEFC</b> certified, which belong to highest tier level for MAT 3, which relates to additional points for this credit.
<b>INN 1</b> Innovation	Innovative use: As a new material with a <b>low environmental footprint</b> , Accoya® opens up applications for wood where it was never used before, substituting non-renewable materials with high environmental footprints.
Indirect contribution	
<b>MAN 5</b> 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 <b>performance brochure</b> and <b>this webpage</b> .
<b>ENE 1</b> Energy efficiency	Accoya® has a good insulation performance ( <b>Thermal conductivity</b> 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.



the world's leading high technology wood

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**ACCSYS**  
TECHNOLOGIES

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installed and used in accordance with the written instructions and guidelines of Accsys Technologies PLC and/or its agents (available upon request). Accsys Technologies PLC accepts no liability for any defect, damage or loss that may occur where such written instructions and guidelines are not adhered to.