Accoya® wood’s durability (rot resistance) is Class 1, matching and even exceeding the performance of nature’s most durable woods such as Oak, Teak, Iroko and Sapele. Every batch of Accoya® wood is tested after production to ensure that its durability can be guaranteed.

The Accoya® advantage:

- Joinery that will stand the test of time and not require replacement for at least 60 years**
- Use in demanding external applications, even in fresh water
- Beauty, elegance and style – natural or coated

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** Accoya® wood is made using a modification process called acetylation | ** In use classes 1, 2 and 3 as defined in EN335-1
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Accoya® wood’s superior dimensional stability (resistance to swelling and shrinkage) exceeds all commonly used species, including Teak, Sapele and Iroko. Accoya® wood has been tested over prolonged periods in all types of weathering conditions - above ground, below ground and even in water - and has been proven to withstand even the toughest of external environments.

The Accoya® advantage:
- Reduced swelling and risk of jamming in humid conditions
- Better fitting windows and doors in all weathers
- Less frequent coatings maintenance

* Accoya® wood is made using a modification process called acetylation
** Timber Research and Development Association (TRADA) www.trada.co.uk
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**The Accoya® advantage:**

- Potential for less frequent coatings maintenance
- Cost savings during the life of the product
- Environmental benefits during the life of the product
- Wider range of colour and coatings options

Accoya® wood has shown improved coating lifetime performance with many types of coatings, resulting in extended maintenance intervals. The light colour of Accoya® wood allows for a wide range of colour finishes. Improved stability means film-forming coating systems last up to two times longer. Accoya® wood is easier to coat, less preparation and sanding is required.

**COATING COMPARISON AFTER 13 YEARS OUTDOOR EXPOSURE**

<table>
<thead>
<tr>
<th>Translucent WB Acrylic Coating</th>
<th>Opaque WB Acrylic Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetylated wood*</td>
<td>Acetylated wood*</td>
</tr>
<tr>
<td>Unmodified wood</td>
<td>Unmodified wood</td>
</tr>
</tbody>
</table>

Accoya® wood outperformed pine boards showing excellent coating performance.

**TRADA COATING TEST**

42 months outdoor exposure

- Pine
- Accoya® wood

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By significantly enhancing the durability and dimensional stability of fast growing, abundantly available certified wood species, Accoya® wood provides compelling environmental advantages over scarce slow growing hardwoods, woods treated with toxic chemicals, and non-renewable carbon-intensive materials such as plastics, steel and concrete.

The Accoya® advantage:

- Always sustainably sourced from abundantly available, often fast growing wood species
- Use phase advantages: increased life span, less maintenance, superior thermal insulation
- Non toxic and 100% recyclable – a perfect fit with the bio-cycle of the C2C philosophy
- $\text{CO}_2$ negative over the full life cycle

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