

BUILDING PRODUCTS INFORMATION SHEET

Class 1

ACCOYA DECKING

Product description:

The ITI Decking System, featuring Accoya wood, is a premium solution designed for both residential and commercial decking applications. Accoya, chosen as the exclusive timber species for this system, stands out for its exceptional durability and aesthetic appeal. This is largely due to the innovative process of acetylation, which fundamentally changes the wood at a cellular level, enhancing its strength and resistance to the elements.

Engineered for compatibility with substrates that meet New Zealand Standard 3604 (2011), the ITI Decking System offers flexibility in various architectural designs. Accoya wood promises an above-ground lifespan exceeding 50 years when maintained as recommended, including regular cleaning and re-application of finishes. The acetylation process, being non-toxic and environmentally friendly, further positions Accoya as a sustainable choice, aligning with eco-conscious construction practices.

Key Technical specifications:

Thickness: 19mm to 65mm

Width: 65mm to 280mm

Timber Species: Acetylated radiata pine.

Durability: Class 1 (Above ground over 50 years)

Maintenance: Regular cleaning and re-coating required for aesthetics.

Company details:

Place of Manufacture: Netherlands

Legal name: Accsys Technologies

Accsys Group, Arnhem Accoya® Plant

Westervoortsedijk 73/ 71,

6827 AV Arnhem, The Netherlands

+31 (0)26 320 1400

<https://www.accsysplc.com/>

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NZBN 326102

Compliance:

Relevant New Zealand Building Code Clauses:

NZS 3602 (2003)

Table. 2A.7

Supporting information.

Decking must achieve a minimum 15-year durability performance.

Limitations:

- Installation must comply with ITI Decking Guide instructions.
- Installation to be carried out by trade qualified or LBP registered personnel.
- Suitable for various New Zealand environments, in accordance with local building codes and regulations.
- Any fixings or metals in contact must be stainless steel type 316.

Design Requirements:

- Specifically designed for Accoya wood usage in residential and commercial decking in New Zealand.
- Compatible with framing types as per NZS 3604 (2011).

Installation:

- In accordance with ITI NZ Decking Guide Version 4.
- Detailed guidelines provided for timber cutting, coating, and fixing specifics for Accoya wood.

Maintenance:

- Regular maintenance as detailed in ITI NZ Decking Guide for Accoya wood.
- Includes cleaning, inspection, and re-application of finishes as per coating manufacturer's requirements.
- Maintenance frequency:
 - ✓ Coastal, industrial, inner-city areas: At least every 12 months, or more frequently if needed.
 - ✓ Sheltered, inland areas: Every 12 to 18 months.