

Acoustic panels, baffles or ceiling tiles designed to realistically imitate woodgrains / timber.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Autex Acoustics® confirms that this minimum level of assurance has been met or exceeded by the following:

Global Green Tag Level A

[Autex Acoustics - Surface Finishes - AUT:AA.1:2023:GR](#)



The following information has been provided by Autex Acoustics® demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 1

Product Description

Available in panels, baffles, or ceiling tiles, Acoustic Timber™ is a high-performance acoustic treatment designed to realistically imitate timber. To ensure a natural, high-end finish, we have hand-picked a selection of premium woodgrains taken from real timber veneers—digitally printed onto the panel surface with a safe, water-based, UV cured ink.

Features and benefits

- Panels lengths from 2400mm to 2700mm - can be customised
- Timber look with excellent acoustic performance
- Easy to install
- Lightweight alternative to conventional timber
- Natural grain variation for a realistic high-end finish
- Available in panels, baffles, or ceiling tiles - for wall and ceilings
- Group Surface Rating 1-S (see limitations)
- Carbon neutral
- Made locally

Scope of use

Limitations on use of building product

- Acoustic Timber has not been tested as part of a fire rated separation assembly, and therefore does not contribute to and do not affect the fire resistance of fire separations.
- Acoustic Timber does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- Acoustic Timber may show surface damage when subjected to impacts. We would advise against using Acoustic Timber in areas where there is likely to be contact with the product.
- Exposure to humidity levels of above 65% may affect durability of the product.
- Air passing through the product due to high pressure or temperature difference can cause the appearance of soil filtration lines on the product surface. This is not a product fault and can be avoided by minimising high temperature or pressure difference across the product and by keeping the room well-ventilated and free from pollutants.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
When the building is maintained so that the provisions of NZBC E2 and E3 are met, where the systems are not exposed to conditions to diminish



masterspec partner

Company Contact Details



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Website: <https://www.autexacoustics.co.nz/products/acoustic-timber>

performance, and the maintenance of the systems are in accordance with the product manufacturers maintenance instructions, the life expectancy is 5 years for materials.

- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a) Performance C3.4(a)Independent Testing: Suitable for use on equivalent Group 1S substrates to maintain a Group Rating
- **Clause F2 Hazardous building materials:** Performance F2.3.1 Refer to the independent testing for environmental certifications found on the product data sheets: - Declare Red List free. EPD – compliant with ISO 14025 and EN 15804. ISO 14001 Certified Environmental Management Low VOC and CDPH compliant - <0.092 mg/m3 (7 days)

Notes

Accent Timber can help spaces meet design sound levels and reverberation times prescribed by AS/NZS 2107:2016 Acoustics — Recommended design sound levels and reverberation times for building interiors.

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Refer to the technical information available on the website:
<https://www.autexacoustics.co.nz/products/acoustic-timber>

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



Global Green Tag Level A

[Autex Acoustics - Surface Finishes - AUT:AA.1:2023:GR](#)

Use in Service History

Backing and fabric has 20 years in service history.

Product Criteria

Design requirements

- Acoustic Timber is available in panels, baffles, or ceiling tiles. Designed for a variety of interior applications and available in 12 mm, 24 mm, and 25 mm thicknesses.
- Acoustic Timber Raft™ is a modular acoustic baffle system designed to communicate with interior spaces via an adjustable channel and clip system.
- Acoustic Timber Ceiling Tile is a simple, high-performance acoustic tile made from Accent Ceiling Tile™ designed to fit within standard grid systems and comply with typical loading standards.
- When installing Acoustic Timber near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.
- When installing Acoustic Timber on ceilings in extreme conditions such as indoor pools, any cavity between the roof and the acoustic panel should not be enclosed.
- Consult a qualified specialist such as a mechanical engineer.

Installation requirements

- Acoustic Timber must be installed according to the Acoustic Timber Install Instructions found on this website:
<https://www.autexacoustics.co.nz/products/acoustic-timber>
- Contact-type adhesive or high grab MS polymer adhesive is recommended for applying Acoustic Timber Panel to most common substrates.
- Do not rub the panel surface at any point during installation as rubbing may cause surface wear.
- For walls or ceilings that require a Fire Resistance Rating (FRR), penetrations for plumbing, electrical switches, and light fittings must be avoided wherever possible.

Maintenance requirements

- Refer to the Acoustic Timber Care and Maintenance Guide for cleaning and maintenance instructions.
- Avoid contact with the Acoustic Timber Panel surface. Where liquids and other contaminants come in contact with the panels, these should be gently removed immediately and not allowed to soak-in, dry, or set.
- Consult a specialist cleaning company for cleaning if required.

Warrantees

Material warranty 5 years.

Company Product Information

Environmental

EPD – compliant with ISO 14025 and EN 15804
Declare – Red List free (third party verified)
ISO 14001 Certified Environmental Management
Health Product Declaration
CDPH Standard

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Environmental Choice New Zealand



New Zealand Made



Member of New Zealand Green Building Council

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Autex Acoustics

Business Email:

enquiries@autex.co.nz

Company Website:

<https://www.autexacoustics.co.nz/>

Contact Number/s:

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Product Identifier

MSOSF

Warnings

This product has no warnings associated with it.



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