

Three-dimensional acoustic ceiling tiles. Moulded to form abstract shapes, in suspension grid.

[View miproducts listing](#)



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 EPD

[Autex Acoustic Panels and Tiles - ATX AP04 2023EP](#)



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

3D Ceiling Tile is designed to be directly fixed or fit within a standard ceiling grid. 3D Ceiling Tiles are made from 100% polyester fibre and moulded to form abstract, three-dimensional shapes. 3D Ceiling Tiles contains a minimum of 55% recycled content.

Features and benefits

- Designed to fit a 600 mm x 600 mm grid with a 24 mm tee.
- Specifically designed to reduce and control reverberated noise and echo in building interiors.
- Group Rating 1-S when on an equivalent substrate
- Lightweight, retrofittable
- Customisable in five designs
- Carbon neutral
- Made locally

Scope of use

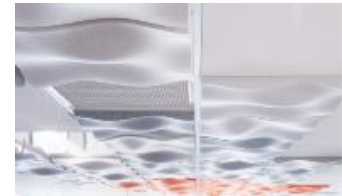
Limitations on use of building product

- 3D Ceiling Tile is not designed to support any backloading. All loads must be independently supported or transferred to the grid.
- 3D Ceiling Tile 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.
- 3D Ceiling Tile does not improve the fire performance of timber linings such as plywood and particleboard with material Group Numbers worse than 1-S.
- 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 tile is not exposed to conditions to diminish its performance, and the maintenance of the system is 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



masterspec partner

Company Contact Details



Brand: Autex Acoustics®

Company: Autex Acoustics

Physical Address: 702/718 Rosebank Road
Avondale
Auckland

Postal Address: Private Bag 19988
Avondale
AUCKLAND

Telephone: 64 800 428839

Email: enquiries@autex.co.nz

Website: <https://www.autexacoustics.co.nz/products/3d-ceiling-tiles>

- **Clause F2 Hazardous building materials:** Performance F2.3.1
Refer to the independent testing for environmental certifications found on the product data sheet: - Declare Red List free- EPD - Global Green Tag - see certification.

Notes

B2 Durability: Performance B2.3.1(c).

C3 Fire Affecting Areas Beyond the Fire Source: Performance C3.4(a).

F2 Hazardous Building Materials: Performance F2.3.1.

3D Ceiling Tile 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 Sound Absorption Coefficients according to ISO 354. University of Auckland Testing Service - independent test reports available.

Water vapour sorption ASTM C1104 / C1104M-13a

Microbial resistance ASTM G21-15 Colour fastness to light: Evaluated to the standard ISO 105-B02:2014 Rating: 6 (Highest = 7)

Evidence

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

Refer to technical datasheet for further information:

Supporting Evidence

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



Global Green Tag EPD

[Autex Acoustic Panels and Tiles - ATX AP04 2023EP](#)

Use in Service History

Backing and fabric has 20 years in service history.

Product Criteria

Design requirements

3D Ceiling Tile is designed to be directly fixed or fit within a standard ceiling grid.

Tile size: 595 x 595mm suitable for suspended grid size 600 x 600mm.

When installing 3D Ceiling Tile near lighting or heating appliances, it must be ensured that the surface temperature of the product does not exceed 80°C.

Interior use only.

Installation requirements

3D Ceiling Tiles must be installed according to the 3D Ceiling Tiles Install Instructions found on this website: <https://www.autexacoustics.co.nz/products/3d-ceiling-tiles>

Maintenance requirements

Refer to the Autex Acoustics Care and Maintenance Guide for cleaning and maintenance instructions.

Perform light vacuuming on a regular basis to prevent build up of dust.

Light marks can be cleaned with a mild detergent solution followed by rinsing and blotting.

Stubborn stains should be dealt with according to the Care and Maintenance Guide, or by contacting a professional cleaning expert.

Printed 3D Ceiling Tiles must be cleaned by a specialist cleaning company.

Warrantees

10 years on materials

Company Product Information

Environmental

Carbon neutral product

Zero carbon manufacturing

Recycled content - 55% recycled material

Low VOC and CDPH compliant - 0.0035 mg/m³ (7 days)

Zero waste manufacturing initiative

Sustainable supply chain and anti-modern slavery

Relationships



Member of New Zealand Green Building Council



Environmental Choice New Zealand



New Zealand Made

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:

+64 800-428839

0800 428839

Product Identifier

QCT3D5

Warnings

This product has no warnings associated with it.



Date last validated: **12 December 2023**



Date last updated: **12 December 2023**

Disclaimer: The Product Technical Statement (PTS) template is copyright to Construction Information Limited. However the content of this PTS is the responsibility of the product manufacturer/supplier. Refer to the miproducts Terms and Conditions