

A discrete, high-performance broadband acoustic treatment.

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

Autex Industries Limited

[New Zealand Made Certificate - 705337](#)

Technical Statement

Product Description

A discrete, high-performance broadband acoustic treatment engineered to absorb a minimum of 85% of sound energy. Quietspace® Panel is made from 100% polyester fibre, with a hard, compressed face and cushioned backing to optimise the range of frequency absorption.

Features and benefits

- Delivers excellent acoustic performance
- Reduces reverberation and echo in spaces with high noise levels
- Easy to install around lighting and other fixtures
- Available in standard black, white, or grey
- Overlay with Vertiface® for more colourful applications
- Customisable for limitless branding and design options
- Made locally

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 C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)

Evidence

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

Fire Ratings (Testing results for 25mm & 50mm Quietspace® Panel)

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: <5.0m²/s

As required by NZBC C/VM2AS

ISO 9705 - 2003

Classification: Group 1 (SMOGR_{Arc}): <100m²/s²

Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637.1:2015, as required by BCA Specification C1.10-4.

FI 4871 and FAR 4055

EN13501-1:2007 (25mm Quietspace® Panel)

B - s₂, d₀

Report 185157

EN13501-1:2007+A1:2009 (50mm Quietspace® Panel)

B - s₂, d₂

Report WF 336912

Supporting Evidence

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



Autex Industries Limited

[New Zealand Made Certificate - 705337](#)

Product Criteria



masterspec partner

Company Contact Details



Brand: Autex

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/quietspace-panel>

Design requirements

Acoustic Performance

Quietspace® Panels have been engineered to reduce and control reverberated (echo) noise in building interiors.

Quietspace® 25mm Panels Quietspace® 50mm Panels

NRC 0.85

NRC 1.00

SOUND ABSORPTION COEFFICIENTS ACCORDING TO ISO 354.

UNIVERSITY OF AUCKLAND ACOUSTICS TESTING SERVICE REPORT 25MM TEST: T0712-18. 50MM TEST: T1228-8.

Fire Ratings (Testing results for 25mm & 50mm Quietspace® Panel)

ISO 9705: 1993 Classification: Group 1-S Smoke Production Rate: <5.0m²/s As required by NZBC C/VM2

AS ISO 9705 - 2003 Classification: Group 1 (SMOGR_{ARC}): <100m²/s² Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637.1:2015, as required by BCA Specification C1.10-4. FI 4871 and FAR 4055

EN13501-1:2007 (25mm Quietspace® Panel) B - s2, d0 Report 185157

EN13501-1:2007+A1:2009 (50mm Quietspace® Panel) B - s2, d2 Report WF 336912

Installation requirements

Please refer to our website for Installation Instructions:

<http://www.autexindustries.com/acoustics/quietspace-panel/>

Company Product Information

Environmental

Autex is committed to best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

Autex Quietspace Panel contains a minimum of 45% previously recycled polyester fibre (from PET bottle flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Autex Quietspace Panel is manufactured from 100% polyester fibre and does not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Date last validated: 17 October 2022



Date last updated: 17 October 2022

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