

A collection of acoustic baffles that are suspended or direct fixed to ceiling space.

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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 collection of acoustic baffles that are suspended or direct fixed to ceiling space. A simple out of the box solution acoustic solution, Lattice easily creates a point of interest in any space.

### Features and benefits

- Delivers excellent acoustic performance
- Grided configuration designed to absorb echo and reverberation
- Original design, trusted acoustic solution
- Easy to install
- Adjust suspension height to target different acoustic frequencies
- Available in three standard designs and a sophisticated colour pallet
- Solid colour and smooth finish, no capping required
- Customisable
- 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 B2 Durability:** Performance B2.3.1(c)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

### Notes

### Evidence

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

#### NRC Ratings

	Direct Fixed to Ceiling	Suspended 200mm from Ceiling
Lattice Eclipse	1.00	1.00
Lattice Torus	1.15	1.00
Lattice Trapezium	1.40	1.30

#### Fire Ratings

##### 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

(SMOGRArc): <100m2/s2



## masterspec partner

### Company Contact Details



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Company: Autex Acoustics

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

FI 4974 and FAR 4055

## Supporting Evidence

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



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## Product Criteria

### Design requirements

Redefine your environment with Quietspace® Lattice; a premium range of suspended acoustic absorbing baffles constructed from Autex Cube™. Artistically designed with functionality in mind; Lattice is ideal for reducing reverberated noise and controlling the echo of background chatter.

### Applications

- Decorative and functional acoustic absorption system for office, education, retail, hospitality and commercial interiors
- Minimise noise in the interior environment and create a unique aesthetic

### Design Options

Quietspace® Lattice is available in the following designs: Lattice Eclipse, Lattice Trapezium and Lattice Torus.

Ask your Autex Account Manager for more information on the current Lattice design options.

### Installation requirements

Please refer to our website for Installation Instructions:

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

### Warrantees

Click here to view the Cube Manufacturers Guarantee:

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

## Company Product Information

### Environmental

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

Lattice contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Lattice is manufactured from 100% polyester fibres 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**



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