

Redefine your environment with Quiespace® 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.

Constructed from Autex Cube™, Lattice is made from 100% polyester and manufactured in New Zealand under Autex's ISO 14001 accredited Environmental Management System. Containing a minimum of 65% post-consumer recycled material, Quiespace® Lattice is the obvious choice for sustainable acoustic control.

Quiespace® Lattice is a non-toxic, non-allergenic and a non-irritable product making it ideal for environments where health and safety is key including hospitality, offices and the education sector.

## Key Benefits

- Premium sound absorption and balanced acoustic performance
- Highly durable providing long term stability and performance
- Light weight and easy to install
- Available in a range of colours and designs
- Made in New Zealand
- Manufactured using a minimum of 65% post-consumer recycled material
- Made from 100% polyester fibres without chemical binders and certified low VOC
- Safe, non-toxic, non-allergenic and non-irritable
- Manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems
- Does not contain any Red List chemicals \*

## 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

### Specification:

Suspended acoustic absorption system shall be **Quiespace® Lattice Trapezium** from thermally bonded polyester containing not less than 65% post-consumer recycled material as manufactured by Autex [www.autexindustries.com](http://www.autexindustries.com)

Suspended acoustic absorber 1180 x 2380 x 290mm (nom. depth), colour [ ], sound absorption Class A, NRC 1.30 – if direct fixed to ceiling: Class A, NRC 1.40. Fire rating ISO 9705: Classification: Group 1-S, AS ISO 9705 – 2003 Classification: Group 1, EN13501-1:2007+A1:2009: B - s2, d2

Lattice to be supplied unassembled with 4 x 1m galvanised cables, 4 x ceiling mounts, 4 x "Velda" cable clips, 8 x alloy tube inserts. Install as per Autex Quiespace® Lattice Trapezium Install Instructions.

## Design Options

Quiespace® Lattice is also available in the following designs: Lattice Eclipse and Lattice Torus.

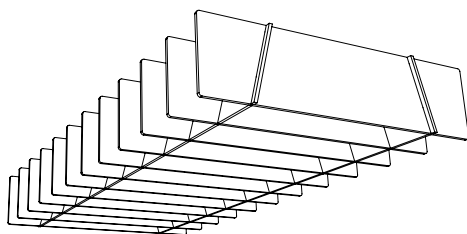
Ask your Autex Account Manager for more information on the current Lattice design options.

## Colour Options

		
PAVILION	SAVOIE	OPERA
		
ACROS	FALLING WATER	PINNACLE
		
SENADO	BOSCO	ZENITH
		
IRONBANK	FLATIRON	EMPIRE
		
PETRONAS		

\* Green Building Rating Compatibility certificate can be found on [www.envirospec.co.nz](http://www.envirospec.co.nz) or from your Autex Account Manager

## Product Specifications



<b>Product Name</b>	Quietspace® Lattice
<b>Style</b>	Trapezium
<b>Composition</b>	100% Polyester Fibre (PET)
<b>Width</b>	1180mm at widest point
<b>Length</b>	2380mm at longest point
<b>Height</b>	290mm at highest point
<b>Pack Contents:</b>	1 x Quietspace® Lattice

## Installation Fittings

All components for assembly and standard installation supplied, see Install Instructions for details.

## Fastness to Light

Quietspace® Lattice is suitable for indoor use only.

## Acoustic Performance

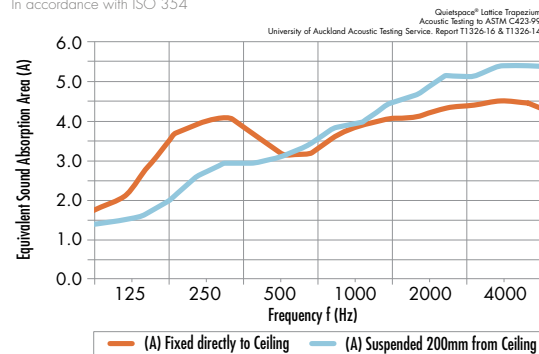
Quietspace® Lattice is specifically designed to reduce and control reverberated (echo) noise in building interiors.

## Noise Reduction Coefficient (NRC)

Direct Fix to Ceiling	1.40
Suspended 200mm from Ceiling	1.30

## Effective Absorption Area Per Unit (metric Sabine)

In accordance with ISO 354



## Fire Ratings (Conducted on 12mm Cube™)

### ISO 9705: 1993

Classification: Group 1-S  
Smoke Production Rate: <5.0m<sup>2</sup>/s  
As required by NZBC C/VM2

### AS ISO 9705 - 2003

Classification: Group 1  
(SMOGRARC): <100m<sup>2</sup>/s<sup>2</sup>  
As required by BCA C1.10  
FI 4974 dated 16th September, 2012

### EN13501-1:2007+A1:2009

B - s2, d2  
VWF 336911 dated 25th February, 2014

## VOC Emissions

Autex polyester has been tested by Cetec Pty Ltd (Report: CV080408) for chemical emission and is classified as low VOC.  
VOC concentration: 0.01 mg/m<sup>3</sup>.

## Pattern Repeat

Non-woven. No pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up which is an inherent feature of this product.

## Fabric Care

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution.

## Moisture Absorption

Polyester fibre when exposed to an atmosphere of 50°C at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight. Polyester is not affected by moisture, mould or mildew and will not rot or deteriorate in intended use situations.

## Environmental

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

Cube™ products contains a minimum of 65% previously recycled polyester fibre (PET bottle-flake) ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled wherever possible.

Cube™ 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.

## Service

For further information about Cube™ or any other Autex product, please contact your Autex Account Manager or visit our website.

Cube™ is a trademark of Autex Industries Limited and Autex Pty. Cube™ is proudly manufactured in New Zealand by Autex Industries Ltd and in Australia by Autex Pty Ltd.