

# Quietspace®

## 3D Tile - Fibonacci

**Quietspace® 3D Tile** is a pre-finished acoustic wall tile designed to create a contemporary interior and open the realms of design flexibility in any interior environment.

Quietspace® 3D Tile is a lightweight semi-rigid tile product that redefines sustainable design and dematerialisation. Quietspace® 3D Tile will create a contemporary and decorative interior whilst helping to reduce reverberated sound, and assist in controlling background noise.

Quietspace® 3D Tile products are made from 100% polyester (which is recyclable) and contain a minimum of 60% post-consumer recycled material (PET bottle-flake).

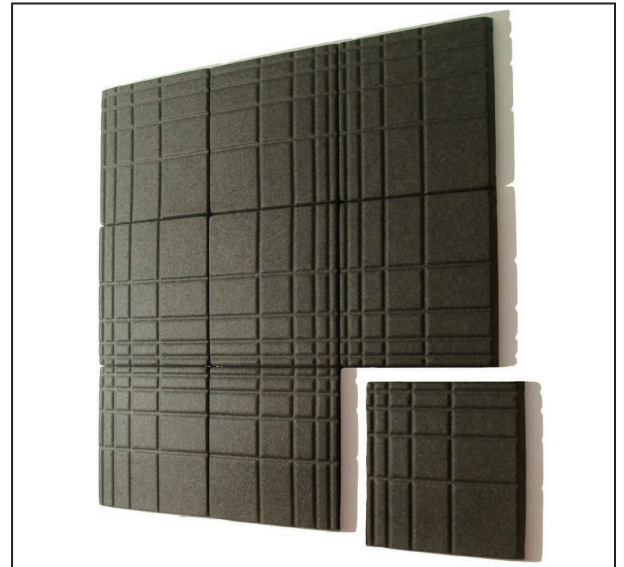
Quietspace® 3D Tile is a high-density material manufactured from 100% polyester fibres. Quietspace® 3D Tile is therefore completely safe, non-toxic, non-allergenic and non-irritant. Quietspace® 3D Tile is ideally suited for commercial office, education, retail and hospitality.

### Key Benefits

- Quietspace® 3D Tile is made from 100% polyester fibre without chemical binders or retardants
- Manufactured using a minimum of 60% already recycled polyester fibre; made from post-consumer waste
- Excellent acoustic performance
- Highly durable providing long-term stability and performance
- Safe, non-toxic, non-irritant and non-allergenic
- Resistant to fading (refer to 'Fastness to Light')
- Light-weight and easy to handle
- Base material is manufactured under ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems

### Applications

- Decorative and functional acoustic surface for commercial, retail, hospitality, education and commercial interiors
- Minimise noise in the interior environment and create unique finishes and features
- Modular design for ease of installation and demountable allowing your design to evolve with you



### Product Specifications

**Product Name** Quietspace® 3D Tile

**Style** Fibonacci

**Composition** 100% polyester fibre (PET)

**Pattern Thickness** 40mm

**Tile Dimensions** Standard: 500mm x 500mm

**Pack Size** 8 Tiles per box

**MOQ** MOQ applies. Contact your local Autex Representative.

### Installation Fittings

Mounting Clips supplied with tiles - see box for installation instructions.

### Fastness to Light

Quietspace® 3D Tiles are suitable for indoor use only. Please discuss your requirements with your Autex Representative.

### Fire Ratings

#### 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

(SMOGR<sub>RC</sub>): <100m<sup>2</sup>/s<sup>2</sup>

As required by BCA C1.10

BRANZ (FAR 4055)

### 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 Quality and Environmental best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems. 3D Tile products contain a minimum of 60% previously recycled polyester fibre (from PET bottle-flake) ensuring comparatively low embodied energy.

Uncontaminated Quietspace® 3D Tiles can be recycled. Quietspace® 3D Tiles are manufactured from 100% polyester fibres and does not contain formaldehyde binders. Autex polyester fibres will not become a potential airborne pollutant and will support safer indoor air quality.

### Fabric Care

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

### Colour Range



BRILLIANT ORANGE

CHARCOAL

SILVER



BARK

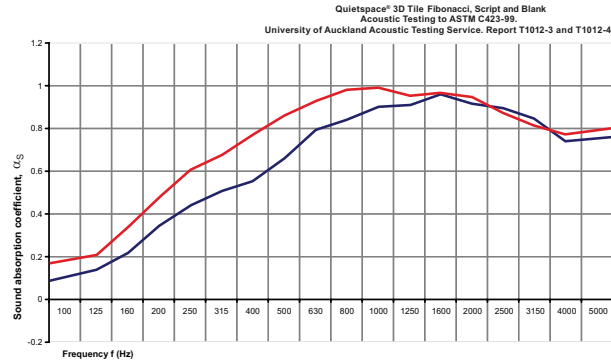
CIVIC

Distributed by Ecoplus Systems  
Phone 0800 4 ECOPLUS  
www.ecoplus-systems.com

### Acoustic Performance

Quietspace® 3D Tile has been designed to reduce and control reverberated (echo) noise in building interiors.

Quietspace® 3D Tile:



Frequency (Hz)	$\alpha_p$ Without AAB	$\alpha_p$ With AAB*
125	0.15	0.25
250	0.45	0.60
500	0.65	0.85
1000	0.90	1.00
2000	0.90	0.95
4000	0.80	0.80

\* Results with the addition of Autex AAB 35-25 polyester absorber inserts in back of tiles.

Noise Reduction Coefficient:

Without AAB: 0.75      With AAB: 0.85

Sound Absorption Class:

Without AAB: C      With AAB: B

### Service

For further information about Quietspace® 3D Tile or any other Autex products, please contact your local Autex Representative or visit our website.

Quietspace® is a registered trademark of Autex Industries Ltd. Quietspace® 3D Tile is proudly manufactured in New Zealand.

**AUTEX**



**Autex Industries Ltd**

702 - 718 Rosebank Rd  
Private Bag 19988,  
Avondale 1746, Auckland  
New Zealand  
Phone +64 9 828 9179  
Fax +64 9 828 5810

Freephone 0800 428 839  
www.autex.co.nz

**Autex Pty Ltd**

166 Barnfield Rd,  
PO Box 5099,  
West Heidelberg, Melbourne,  
VIC 3081 Australia  
Phone +61 3 9457 6700  
Fax +61 3 9457 1020

Freephone 1800 678 160  
www.autex.com.au

AN ISO 9001 AND ISO 14001 CERTIFIED COMPANY

IA\_NZ\_DS\_Fibonacci-3DTile\_A4\_JUNE13