

Open the realms of acoustic design flexibility with Quietspace® 3D Tile; a modular acoustic wall tile designed to create a contemporary finish and add simple and effective acoustic control to any interior environment.

Lightweight and semi-rigid; Quietspace® 3D Tile redefines sustainable design whilst reducing reverberated sound and controlling background noise. Made from 100% polyester and containing a minimum of 60% post-consumer recycled material, Quietspace® 3D Tile is completely safe, non-toxic, non-allergenic, non-irritant and certified low VOC.

Suitable for residential, office, education, retail and hospitality spaces; redefine your environment with Quietspace® 3D Tile.

#### Key Features and Benefits

- Premium sound absorption
- Highly durable providing long term stability
- Lightweight and easy to install
- Available in a range of contemporary designs
- Resistant to fading
- Modular design for easy install and configuration
- Made in New Zealand
- 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 certified Quality and Environmental Systems
- Does not contain any Red List chemicals

#### Applications

- Decorative and functional acoustic surface for residential, office, education, retail, hospitality and commercial interiors
- Minimise noise in the interior environment and create unique finishes and features

#### Specification:

(Wall) treatment shall be Quietspace® 3D Tile Series 5.50 acoustic tile from thermally moulded, needle punched, felted polyester material containing not less than 60% post-consumer recycled material as manufactured by Autex Industries Ltd. [www.autex.co.nz](http://www.autex.co.nz)

Tile 575 x 287.5 x 80mm (nom.) depth, colour [ ], sound absorption Class C, NRC 0.75 – if backed with Autex AAB: Class A, NRC 0.90. Fire rating ISO 9705: Classification: Group 1-S, EN13501-1:2007+A1:2009: B - s1, d2

Tiles to be supplied with 1 standard tile clip per tile. Install as per Quietspace® 3D Tile Install Instructions.

#### Design Options

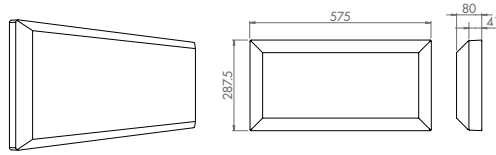
Quietspace® 3D Tile is available in a range of designs. Ask your Account Manager for a list of current Series 5 design options.

#### Colour Options



S-5.50

Quietspace® 3D Tile

**Product Specifications**

<b>Product Name</b>	Quietspace® 3D Tile
<b>Style</b>	S-5.50
<b>Composition</b>	100% Polyester Fibre (PET)
<b>Thickness</b>	Min: 41mm Max: 80mm
<b>Tile Dimensions</b>	575mm x 287.5mm
<b>Pack Size</b>	12 Tiles per box

**Installation Fittings**

Mounting Clips supplied with tiles - see box for Install Instructions.

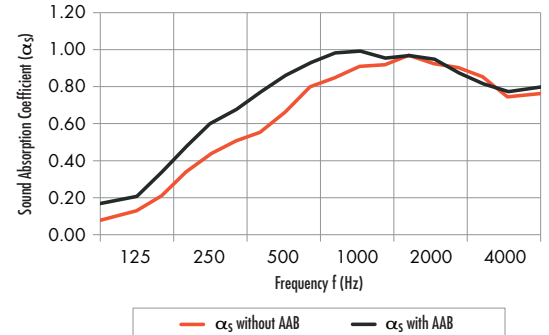
**Fastness to Light**

Quietspace® 3D Tile is suitable for indoor use only.

**Acoustic Performance**

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

Minimum Noise Reduction Coefficient 0.75



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
$\alpha_p$ Without AAB	0.15	0.45	0.65	0.90	0.90	0.80	0.75
$\alpha_p$ With AAB*	0.25	0.60	0.85	1.00	0.95	0.80	0.90

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

**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  
(SMOGRARC): <100m<sup>2</sup>/s<sup>2</sup>  
As required by BCA

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

B - s1, d2

**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>

**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.

**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 finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution.

**Environmental**

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

3D Tile products contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake) ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled wherever possible.

Untamated Quietspace® products including 3D Tile can be recycled.

Quietspace® 3D Tile is manufactured from 100% polyester fibre and does not contain formaldehyde binders. These fibres support safer indoor air quality and will not become a potential airborne pollutant.

**Service**

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

Quietspace® 3D Tile is proudly manufactured in New Zealand by Autex Industries Ltd.

Quietspace® is a trademark of Autex Industries Ltd.

# AUTEX

AN ISO 9001 AND ISO 14001 CERTIFIED COMPANY

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