

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 accredited Quality and Environmental Systems
- Does not contain any Red List chemicals \*

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

#### 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 5.53 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.autexindustries.com](http://www.autexindustries.com)

Tile 575 x 575 x 60mm (nom.) depth, colour (L), 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.

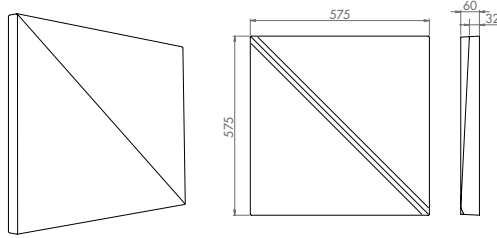
#### Design Options

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

#### Colour Options



## Product Specifications



<b>Product Name</b>	Quietspace® 3D Tile
<b>Style</b>	S-5.53
<b>Composition</b>	100% Polyester Fibre (PET)
<b>Thickness</b>	Min: 32mm Max: 60mm
<b>Tile Dimensions</b>	Classic: 575mm x 575mm
<b>Pack Size</b>	6 Tiles per box

## Installation Fittings

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

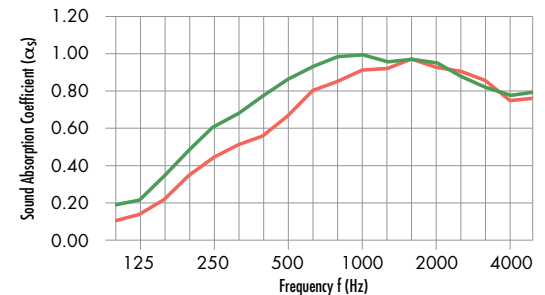
## Fastness to Light

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
<sup>αp</sup> Without AAB	0.15	0.45	0.65	0.90	0.90	0.80	0.75
<sup>αp</sup> 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 (Conducted on 6mm Workstation)

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

Fl 4974 dated 16th September, 2012

EN13501-1:2007+A1:2009

B - s1, d2

Report WF 336913 dated 19th March, 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>

## 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 accredited 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 Account Manager 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.