

QuietSpace®
3D Tile

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 5.46 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

Tile 575 x 498 x 114mm (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 mechanically or direct fixed. Install as per QuietSpace® Series 5.46 3D Tile Install Instructions.

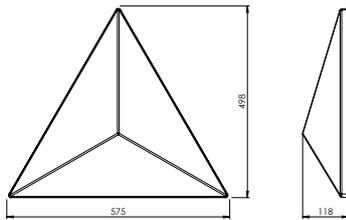
Design Options

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



Product Specifications



Product Name	Quietspace® 3D Tile
Style	S-5.46
Composition	100% Polyester Fibre (PET)
Thickness	Min: 20mm Max: 114mm
Tile Dimensions	575mm x 498mm
Pack Size	6 Tiles per box

Installation Fittings

Mounting Clips supplied with tiles - Tiles to be mechanically or direct fixed. Install as per Quietspace® Series 5.46 3D Tile Install Instructions.

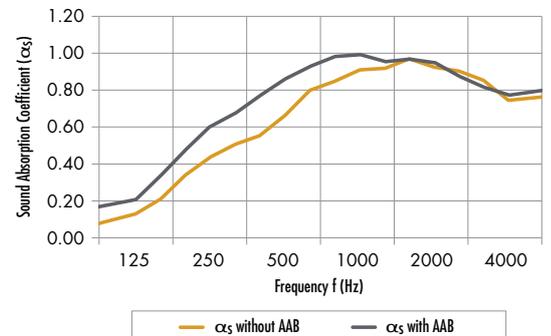
Fastness to Light

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
α_p Without AAB	0.15	0.45	0.65	0.90	0.90	0.80	0.75
α_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: <5.0m²/s

As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1

(SMOGRARC): <100m²/s²

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/m³

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.