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 (_), 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.
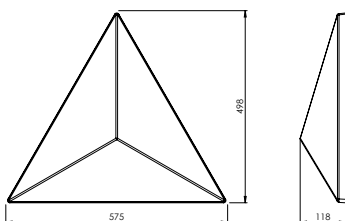
Design Options

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

AVOCADO	BLUSH	STATELY
CIVIC	FAWN	BARK
PORCELAIN	STONEWASH	SILVER
CHARCOAL	NOIR	GRANNY SMITH
BLAZING RED	BRILLIANT ORANGE	ELECTRIC BLUE

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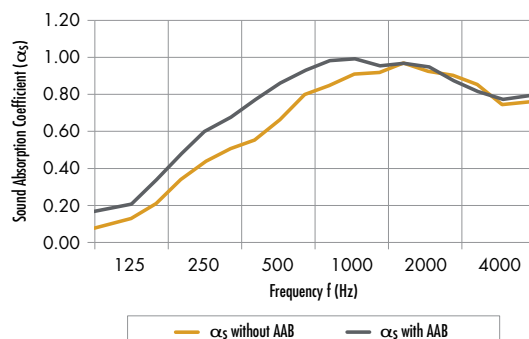
Fastness to Light
Quietspace® 3D Tile is suitable for indoor use only.

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
Refer to Cleaning Guide www.autexindustries.com

Environmental
Autex Quietspace 3D Tiles are manufactured using 100% polyester fibre and contains a minimum of 55% post consumer recycled content (i.e. PET plastic bottles).

Autex Quietspace 3D Tiles are Global GreenTag GreenRate Level A certified and can be used to contribute to Green Star NZ accreditation. Autex Quietspace 3D Tiles are also Declare certified to be Red-List Free and can be used in Living Building Challenge projects.

All Autex product declarations are independently verified under the auditing process of our ISO 14001 Environmental Management System. For more information, please contact your Autex Account Manager, or visit our website www.autexindustries.com

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.

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