

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 from 100% polyester fibers 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
- Minimize noise in the interior environment and create unique finishes and features

* Red List chemicals are defined by the United States Environmental Protection Agency (U.S. EPA) and The International Living Future Institute as materials that are harmful to living creatures, including humans. A full list can be found at www.declareproducts.com

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. www.autexacoustics.com

Tile 22.7" x 11.3" x 3.15" (nom.) depth, color [], sound absorption Class C, NRC 0.75 – if backed with Autex AAB: Class A, NRC 0.90. Fire rating ASTM E-84: Class A, FS:0-SD:10, 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.

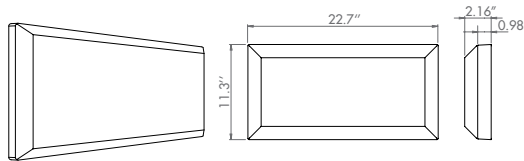
Design Options

QuietSpace® 3D Tile is available in a range of designs. For a list of current Series 5 design options please ask your installation professional or Autex Interior Acoustics NA.

Color Options



Product Specifications



Product Name	Quietspace® 3D Tile
Style	S-5.50
Composition	100% Polyester Fiber (PET)
Thickness	Min: 1.61" Max: 3.15"
Tile Dimensions	22.7" x 11.3"
Pack Size	12 Tiles per box

Installation Fittings

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

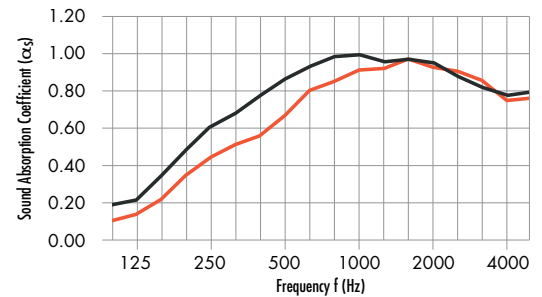
Fastness to Light

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
α _s Without AAB	0.15	0.45	0.65	0.90	0.90	0.80	0.75
α _s 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

ASTM E-84

Class A, FS:0 - SD:10

RJ3297-10 - 13th June, 2014

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

FI 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 for chemical emission (Report: CV080408) and is classified as low VOC. VOC concentration: 0.01 mg/m³

Pattern Repeat

Non-woven. No pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fiber 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.

Moisture Absorption

Polyester fiber when exposed to an atmosphere of 122°F at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight. Polyester is not affected by moisture, mold or mildew and will not rot or deteriorate in intended use situations.

Environmental

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

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

Quietspace® 3D Tile is manufactured from 100% polyester fiber and does not contain chemical binders including formaldehyde. These fibers 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 installation professional or Autex Interior Acoustics NA.

Quietspace® is a trademark of Autex Industries Limited and Autex Interior Acoustics NA.