



QuietSpace®
3D Ceiling Tiles

Project a new landscape into your suspended ceiling grid system with QuietSpace® 3D Ceiling Tiles; a vibrant and visually appealing three dimensional ceiling tile that maintains acoustic balance. Lightweight and semi-rigid; QuietSpace 3D Ceiling Tiles provide an alternative to traditional composite ceiling tiles that will enrich your environment whilst reflecting a unique personality with an unparalleled aesthetic.

An ideal option for high ceiling applications; QuietSpace 3D Ceiling Tiles can also be used in suspended islands to create focused and centralised acoustic control.

Made from 100% polyester and containing a minimum of 60% post-consumer recycled material, QuietSpace 3D Tiles are completely safe, non-toxic, non-allergenic, non-irritant and certified low VOC.

Available in a range of bright, contemporary colours and styles; QuietSpace 3D Ceiling Tiles provide an easy solution and add a modern touch to cafés, restaurants and lively commercial environments. Simply swap out traditional tiles as QuietSpace Ceiling 3D Tiles will clip straight into a 575 x 575mm traditional ceiling grid.

Key Features and Benefits

- Seamless combination of acoustics and aesthetics
- Highly durable providing long term stability
- Lightweight and easy to install
- Available in a range of contemporary designs and colours to add life to outdated ceiling grids
- Resistant to fading
- Modular design for easy install and configuration
- Made from 100% polyester fibres without chemical binders and certified low VOC
- Safe, non-toxic and non-allergenic
- 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 or from your Autex Account Manager

Applications

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

Specification:

(Ceiling) treatment shall be QuietSpace® 3D Ceiling Tiles from thermally moulded, felted polyester material containing not less than 60% post-consumer recycled material as manufactured by Autex www.autexindustries.com

Tile 595mm x 595mm x [L]mm depth, sound absorption: Class C, NRC 0.75. Fire rating ISO 9705: Classification: Group 1-S, EN13501-1:2007+A1:2009: B · s1, d2, ASTM E-84-14 Class A, FS:0 - SD:10

Install as per Autex recommendations.

Colour Options

QuietSpace 3D Ceiling Tiles are available in the following colours:

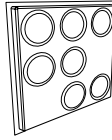


Product Name Quietspace® 3D Ceiling Tiles
Composition 100% Polyester Fibre (PET)
Weight 1200gsm
Size 595mm x 595mm
Pack Size 8 Tiles per pack

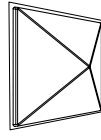
Design Options



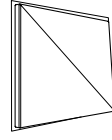
S-5.26
Depth: 80mm



S-5.34
Depth: 58mm



S-5.37
Depth: 140mm



S-5.53
Depth: 60mm

Installation

Install as per Autex recommendations.

Fastness to Light

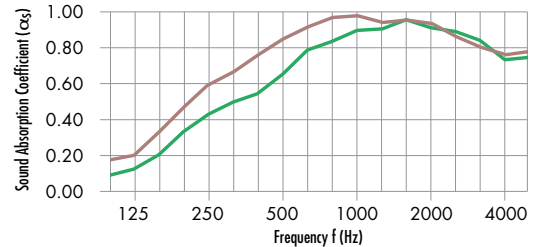
Quietspace 3D Ceiling Tiles are suitable for indoor use only.

Light Reflective Values by Colour

| | | | | | |
|---------|-------|-----------|-------|------------------|-------|
| Avocado | 10.87 | Bark | 5.04 | Noir | 1.16 |
| Blush | 10.30 | Porcelain | 21.64 | Granny Smith | 19.72 |
| Stately | 3.24 | Stonewash | 18.94 | Blazing Red | 7.85 |
| Civic | 57.28 | Silver | 23.37 | Brilliant Orange | 15.31 |
| Fawn | 20.30 | Charcoal | 3.17 | Electric Blue | 12.15 |

Acoustic Performance

Quietspace 3D Ceiling Tiles are specifically designed to reduce and control reverberated (echo) noise in building interiors.



| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
|--------------------------|------|------|------|------|------|------|------|
| α _P | 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 (Conducted on 6mm Workstation)

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 C1.10
 FI 4974 dated 16th September, 2012

EN13501-1:2007

B - s1, d2
 Report WF 336913 dated 19th March, 2014

ASTM E-84-14

Class A, FS:0 - SD:10
 RJ3297-10R1 dated 17th March, 2015

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.

Fabric Care

Blot marks from surface 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.

Back Loading

None. All loads to be independently supported or transferred to the grid. Grid loading should be to NZS 1170 (or the relevant local standard).

Impact Resistance

Quietspace 3D Ceiling Tiles have been impact resistance tested to EN13964:2004 and meet the criteria of Class 1A; not adversely affected at impact velocities over 16.5m/s.

Environmental

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

Quietspace 3D Ceiling Tiles contain 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. Uncontaminated 3D Ceiling Tiles can be recycled.

Quietspace 3D Ceiling Tiles are manufactured from 100% polyester fibres and do not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

Service

For further information about Quietspace 3D Ceiling Tiles or any other Autex product, please contact your Autex Account Manager or visit our website.

Quietspace is a trademark of Autex Industries. Quietspace 3D Ceiling Tiles are proudly manufactured in New Zealand by Autex Industries Ltd.