



**QuietSpace®
Ceiling Tiles**

QuietSpace® Ceiling Tiles are 100% polyester tiles, engineered for superior sound absorption and balanced acoustic design for ceilings. Designed to fit into standard grid systems and available in a rebated or square edge; QuietSpace® Ceiling Tiles are a lightweight, easy and safe solution for suspended ceiling systems.

QuietSpace® Ceiling Tiles are extremely durable and will not chip, crack or break, resulting in no wastage whilst installing. Because QuietSpace® Ceiling Tiles do not contain chemical binders or crystalline silica they are non-toxic, non-irritant and non-allergenic.

100% recyclable and containing a minimum of 60% post-consumer recycled material (PET bottle-flake); QuietSpace® Ceiling Tiles are manufactured under ISO 9001 and ISO 14001 accredited Quality and Environmental Management systems.

Key Features and Benefits

- High performance acoustic ceiling tile
- Chip and crack resistant
- Available in rebated or square edged profiles
- Designed to fit standard ceiling grids
- Naturally resistant to moisture
- Light-weight and easy to handle and install
- Spun-bond cover protects tiles during installation
- Made from 100% polyester fibre without chemical binders and certified low VOC
- Manufactured using a minimum of 60% post-consumer recycled material
- Highly durable providing long-term stability and performance
- Safe, non-toxic, non-irritant 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

Specification:

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

Tile []mm x []mm x 25mm depth, (Rebated/Square Edge), sound absorption: Suspended Rebated edge: Class C, NRC 0.80 – Suspended Square edge: Class B, NRC 0.85. Fire rating ISO 9705: Classification: Group 1-S, AS ISO 9705 – 2003: Group 1, EN13501-1:2007+A1:2009: B – s2, d0

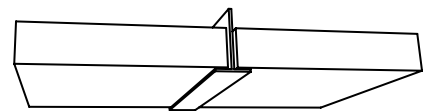
Install as per Autex recommendations. If QuietSpace® Ceiling Tiles are to be specified for use other than as a ceiling tile, please seek guidance from your Autex Account Manager.

Applications

- High performance acoustic ceiling tile for commercial interior sound control
- Offices and call centres; especially open-plan areas
- Hospitals and healthcare facilities
- Boardrooms and conference rooms
- School classrooms
- Halls and auditoriums
- Libraries and administration buildings
- Retail stores and showrooms

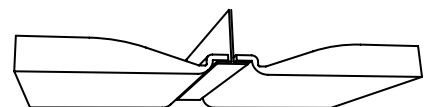
Design Options

QuietSpace® Ceiling Tiles are available in two styles: Square Edge for a subtle aesthetic and Rebated Edge for a strong and defined ceiling pattern.



Square Edge

Available sizes 595mm x 595mm x 16 tiles
595mm x 1195mm x 8 tiles



Rebated Edge

Available sizes 595mm x 595mm x 16 tiles
295mm x 1195mm x 16 tiles
595mm x 1195mm x 8 tiles

Product Name Quietspace® Ceiling Tiles
Composition 100% Polyester Fibre (PET)
Thickness 25mm
Weight 2300gsm
Edge Detail Square Edge/Rebated Edge

Installation
 Install as per Autex recommendations.

Light Reflectance
 Quietspace® Ceiling Tiles are suitable for indoor use only and have been tested to the following standard:
ASTM 5036: 83

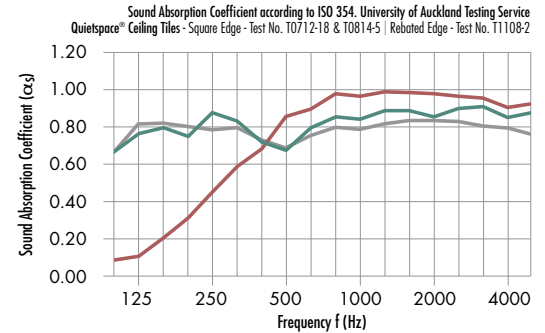
Thermal Performance (Internally tested by Autex Technical Department)
 RO.64m²kW⁻¹ @15°C
 RO.62m²kW⁻¹ @23°C

Sound Privacy
 CAC (dB): 17 +/- 5 Dn,c,w(dB): 15 +/- 5
 Marshall Day Acoustics, 24 March 2011 (Report Number Rp001 2011084A)

Acoustic Performance

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

Minimum Noise Reduction Coefficient 0.80



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
25mm Square Edge (Direct Fix)	0.12	0.47	0.88	0.98	0.99	0.93	0.85
25mm Square Edge (Suspended System)	0.80	0.90	0.72	0.87	0.88	0.88	0.85
25mm Rebated Tile (Suspended System)	0.80	0.85	0.75	0.85	0.90	0.85	0.80

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 C1.10
 Tested 16 May 2012, BRANZ (FI 4871)

EN13501-1:2007

B - s2, d0
 Report 185157 dated 22nd July, 2009

VOC Emissions

Autex polyester has been tested by Cetec Pty Ltd (Report: CV080408) for chemical emission and is classified as low VOC.
 VOC concentration: 0.01mg/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.

Impact Resistance

Quietspace® 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® 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.

Untampered Ceiling Tiles can be recycled.

Quietspace® 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® 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® Ceiling Tiles are proudly manufactured in New Zealand by Autex Industries Ltd and in Australia by Autex Pty Ltd.