



**Product overview**

Quietspace® Panel is a high-performance acoustic treatment engineered to absorb 85% of the sound energy it meets. Made from 100% polyester fibre, Quietspace Panel has a hard, compressed face and cushioned backing, available in 25 mm, 50 mm, 75 mm, and 100 mm thicknesses.

**Sustainable material**

- Carbon neutral product
- Zero carbon manufacturing
- Recycled content  
- >60% recycled material
- Low VOC and CDPH compliant  
- <0.035 mg/m<sup>3</sup> (7 days)
- Zero waste manufacturing initiative
- Sustainable supply chain and anti-modern slavery

**Environmental certifications**

- EPD – compliant with ISO 14025 and EN 15804
- Declare – Red List free (third party verified)
- ISO 14001 Certified Environmental Management
- Health Product Declaration
- CDPH Standard



**Certifying your green building**

Autex Acoustics products meet criteria for WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project. For support and guidance on available rating system points please visit [www.autexglobal.com](http://www.autexglobal.com), or speak with your Autex Acoustics account manager.

**Specification**

(Wall/Ceiling) treatment shall be Quietspace® Panel made from thermally bonded polyester containing not less than 45% recycled material as manufactured by Autex [www.autexglobal.com](http://www.autexglobal.com)

Panel 1220 mm x 2440 mm x ( )mm nom depth, sound absorption: 25 mm: Class C, NRC 0.85, 50 mm: Class A, NRC 1.00. Fire rating full range of thicknesses:

ISO9705: Classification: Group 1-S, AS ISO 9705 – 2003: Group 1, 25 mm BS EN 13501-1:2018: B - s2, d2.

Install as per Autex Acoustics recommendations. If Quietspace Panel is to be specified for use other than as a ceiling or wallcovering please seek guidance from your account manager.



## Product specifications

Product name	Quietspace® Panel
Composition	100% polyester fibre (PET)
Panel dimensions	1220 mm x 2440 mm
Tolerance	(+ 5 mm) x (+ 10 mm)

Thickness	25 mm	50 mm	75 mm	100 mm
Tolerance	(+/- 6%)	(+/- 6%)	(+/- 6%)	(+/- 6%)
Weight	2100 gsm	3600 gsm	3850 gsm	4100 gsm

### Light reflectance

White Quietspace Panel is suitable for indoor use only and has a light reflectance value of 83 (measured in accordance with BS 8493:2008+A1:2010).

### Installation

Install as per Autex Acoustics recommendations. Install instructions are included in each pack, or available on the website. In situations where product is being installed near fire protection systems (e.g. sprinklers or fire alarms) relevant building codes, standards and design rules must be adhered to.

Please consult the project engineer and relevant expert such as a fire protection engineer. If Quietspace Panel is to be specified for use other than as a wallcovering, please seek guidance from your account manager.

## Product specifications

### Fire ratings

Quietspace Panel has been evaluated using the following test methods:

#### ISO 9705: 1993

Classification: Group 1-S  
Smoke production rate:  
<5.0m<sup>2</sup>/s

As required by NZBC C/VM2

#### AS ISO 9705 - 2003

Classification: Group 1  
(SMOGR<sub>Arc</sub>): <100m<sup>2</sup>/s<sup>2</sup>

Assessed using methodology AS ISO 9705:2003 in accordance with AS 56371:2015, as required by BCA Specification C1.10-4  
FI 4871  
FAR 4055

#### BS EN 13501-1:2018

(25 mm Quietspace® Panel)

Wall applications

Classification: B-s<sub>2</sub>d<sub>2</sub>

Tested using BS EN ISO 11925-2:2020 and BS EN 13823:2020 and classified in accordance with BS EN 13501-1:2018, as required by BS EN 15102:2007 + A1:2011.  
EUI-21-000135-E-A

Ceiling applications

Classification: B-s<sub>2</sub>d<sub>2</sub>

Tested using BS EN ISO 11925-2:2020 and BS EN 13823:2020 and classified in accordance with BS EN 13501-1:2018, as required by BS EN 13964:2014.  
EUI-21-000135-E-B

#### ASTM E84 - 14

(1" Quietspace® Panel)

Class A, FS:0 - SD:10  
RJ3297

### Water vapour sorption

ASTM C1104 / C1104M-13a  
Test conditions: 49°C, 95%RH  
Water vapour absorbed and adsorped after 4 days:  
0.4% by weight.

### 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.

### Impact resistance

ISO 7892:1988

### Hard body impact

There is no surface damage or penetration to Quietspace Panel when subjected to hard body impacts. A small indentation might be observed when subjected to an impact equivalent to the impact of a 0.5 kg object dropped from a 0.5 m height. When adhered to 10 mm plasterboard, the system can resist a 14 joule impact, and no further indentations are observed. This is equivalent to the impact of a 0.5 kg object dropped from a 3 m height.

### Soft body impact

There is no surface damage or penetration to Quietspace Panel when subjected to soft body impacts. When adhered to 10 mm plasterboard, the system can resist a 120 joule impact. This is equivalent to the impact of a 50 kg object dropped from a 250 mm height.

### Microbial resistance

ASTM G21-15  
Growth rating: 0 (No growth)  
Quietspace Panel does not promote the growth of moulds and mildew.

### 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. Custom printed Quietspace Panel requires the services of a specialist cleaning company. Refer to the Quietspace Panel Care and Maintenance Guide for more information.

### Service

For further information about Quietspace Panel or any other Autex Acoustics product, please contact your account manager or visit our website.



## Acoustic performance

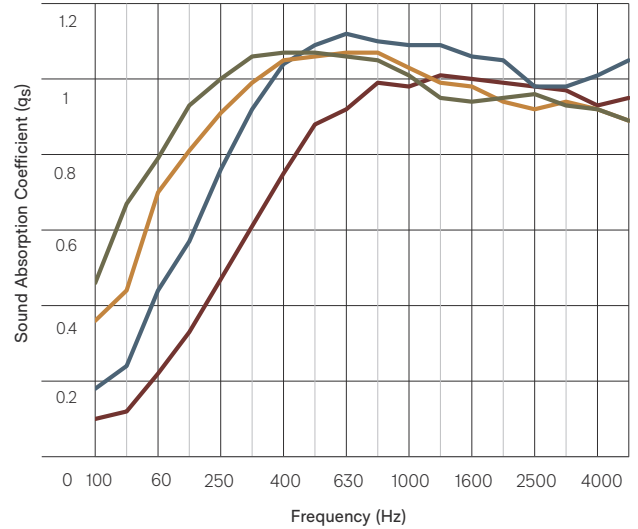
Quietspace Panel is specifically designed to reduce and control reverberation and echo noise in building interiors. Minimum Noise Reduction Coefficient 0.85

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● 25 mm	0.15	0.45	0.85	1.00	1.00	0.95	0.85
● 50 mm	0.30	0.75	1.10	1.10	1.05	1.00	1.00
● 75 mm	0.50	0.90	1.05	1.05	0.95	0.90	1.00
● 100 mm	0.65	1.00	1.05	1.00	0.95	0.90	1.00

Table presents the practical sound absorption coefficients as according to ISO 11654. Graph presents third octave sound absorption coefficients (according to ISO 354 measurement of sound absorption in a reverberation room.) The NRC rating is determined as the arithmetic average of the absorption coefficients measured by one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz and rounded to the nearest 0.05.

### Absorption Coefficient According ISO 354 University of Auckland Testing Service

Quietspace Panel 25 mm - test no. T0712-18  
Quietspace Panel 50 mm - test no. T1228-8  
Quietspace Panel 75 mm - test no. T1905-4  
Quietspace Panel 100 mm - test no. T1905-5



● **New Zealand**  
702-718 Rosebank Road,  
Private Bag 19988  
Avondale 1746, Auckland  
T 0800 428 839  
T +64 9 828 9179  
[www.autexacoustics.co.nz](http://www.autexacoustics.co.nz)

● **Australia**  
285 Swan Street,  
Richmond, VIC 3121  
T 1800 678 160  
T +61 3 9450 6700  
[www.autexacoustics.com.au](http://www.autexacoustics.com.au)

● **United Kingdom**  
Unit J4, Lowfields Way,  
Lowfields Business Park,  
Elland, West Yorkshire  
HX5 9DA  
T +44 0 142 241 8899  
[www.autexacoustics.co.uk](http://www.autexacoustics.co.uk)

● **United States**  
1630 Dan Kipper Drive,  
Riverside, CA 92507  
T +1 424 203 1813  
[www.autexacoustics.com](http://www.autexacoustics.com)

Autex is an ISO certified organisation encompassing Quality (ISO 9001), Environmental (ISO 14001), and Health and Safety (ISO 45001). Brand names and logos are registered or unregistered trademarks owned or used under license by Autex Industries Limited or other members of the Autex Group. © Copyright 2023 Autex Industries Ltd. All rights reserved. It is the user's responsibility to determine if the product and information presented in this document is suitable for the intended application by engaging a suitably qualified consultant. The information contained in this document is correct to the best of our knowledge at the date of its publication. To verify that this document is the most current publication please check our website or contact your Autex account manager.