

Product Information

Quietspace™ Panels have been engineered for superior sound absorption and balanced acoustic design. Quietspace™ Panels are ideal for wall and ceiling applications and can be fabric-faced or digitally printed. Utilising the latest technology, any image or design can be re-created as a unique acoustic detail, custom panel or artwork.

No longer are acoustic panels restricted to fabric wrapped frames. Quietspace™ Panels allow interior designers to explore new horizons and break established boundaries.

Quietspace™ Panels are light-weight, semi-rigid, impact resistant and incredibly durable. Made from 100% polyester fibres, Quietspace™ Panels are completely safe and support safer indoor air quality.

Quietspace™ Panels are supplied to site in sheet form that can be cut-in and framed on site eliminating issues with on-site variations in wall size and shape that have traditionally posed problems for fabric wrapped panels manufactured and finished off-site.

Optional finishing kits of extruded edge detail and fixings are also available including PVC end-capping, and complete aluminium frames allowing designers greater flexibility for large wall areas or unique modular panels.

Quietspace™ polyester products are fully recyclable and follow an ecological production process. Quietspace™ Panel products contain a high percentage of already recycled polyester fibres and are manufactured under Autex's zero waste policy.

Applications

High performance acoustic panel for commercial interior sound control.

Acoustic and pinboard surface for modular office partition panelling.

Display, privacy and noise control when framed for modular room divider.

Framed for free-standing, or direct fix acoustic panel. Decorative and functional acoustic wall covering for education, retail, and commercial interiors.

Key Benefits

- Made from 100% polyester fibres (including a high proportion of previously recycled fibres)
- Excellent acoustic performance
- Highly durable providing long-term stability and performance
- Recyclable and environmentally friendly
- Safe, non-toxic, non-irritant and will not off-gas VOC's providing safer indoor air quality
- Resistant to fading (refer to 'Fastness to Light')
- Light-weight and easy to handle
- Offers complete design flexibility with our ability to provide cut shapes and custom colour printing
- Manufactured under strict ISO 9001 Quality Control Systems

Product Specifications

Product Name Quietspace™ Panels

Composition 100% polyester fibre (PET)

Panel Dimensions Standard: 2410mm (+/- 10mm) x 1205mm (+5 / -0mm)

Product Format

Thickness	25mm	50mm
Weight (gsm)	2300gsm	3800gsm

Quietspace™ Panels are available as standard 25mm or 50mm thick panels. Quietspace™ Panels can be pre-finished with Autex Vertiface® fabric, supplied white (nude) or custom printed.

Custom Options

Utilising the latest technology Quietspace™ Panels can be printed to create unique colours and patterns, incorporate branding or add interest through adding the appearance of textured finishes. Quietspace™ Panels can also be supplied as custom cut parts for unique wall panels. For custom print and cutting options, please discuss your requirements with your Autex Representative.

Optional finishing kits of framing and fixings are available for the 25mm and 50mm Quietspace™ Panel products. For more information please refer to the Quietspace™ Panels Finishing Kit Information Sheet, or discuss your requirements with your Autex Representative.

Fastness to Light

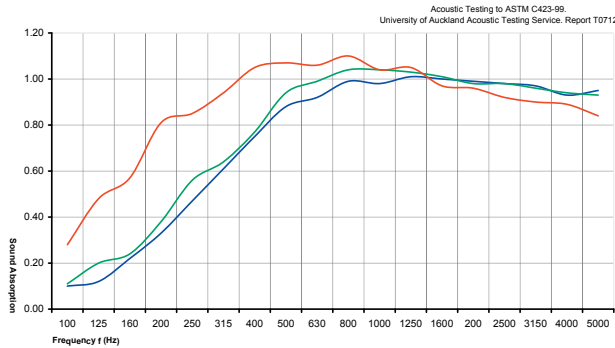
Quietspace™ Panels are suitable for indoor use only. Custom printed Panels can be offered with UV resistance on request. Please discuss your requirements with your Autex Representative. Autex Vertiface® fabric has been tested to the following standard.

ISO105-B02-1994 (Grey Scale 1-5)

Light Fastness Rating: 3

Acoustic Performance

Quietspace™ Panels have been designed to reduce and control reverberated (echo) noise in building interiors.



Frequency (Hz)	25mm Panel	25mm Panel with 6mm air gap	50mm Panel
100	0.10	0.11	0.28
125	0.12	0.20	0.48
160	0.22	0.24	0.57
200	0.33	0.38	0.81
250	0.47	0.56	0.85
315	0.61	0.64	0.94
400	0.75	0.77	1.05
500	0.88	0.94	1.07
630	0.92	0.99	1.06
800	0.99	1.04	1.10
1000	0.98	1.04	1.04
1250	1.01	1.03	1.05
1600	1.00	1.01	0.97
2000	0.99	0.98	0.96
2500	0.98	0.98	0.92
3150	0.97	0.96	0.90
4000	0.93	0.94	0.89
5000	0.95	0.93	0.84
NRC	0.85	0.90	1.00

Fire Ratings

AS1530.3

Quietspace™ Panel 25mm

Spread of Flame Index (0-10) 0

Smoke Developed Index (0-10) 3

Tested 4 May 2006, APL (Report Number 06069)

Quietspace™ Panel 50mm

Spread of Flame Index (0-10) 0

Smoke Developed Index (0-10) 5

Tested 3 October 2007, APL (Report Number 7-555353-CO)

AS/NZS 3837:1998

Quietspace™ Panel 25mm

BCA Classification: GROUP 3

Average Specific Extinction Area: 546.3 m²/Kg

Tested 26 April 2007, AWTA (Report Number 7-551955-CO)

Quietspace™ Panel 50mm

BCA Classification: GROUP 3

Average Specific Extinction Area: 319.4 m²/Kg

Tested 5 May 2007, AWTA (Report Number 7-552775-AO)

Thermal Performance

Quietspace™ 50mm Panel: R1.48

Quietspace™ 25mm Panel: R0.64

Durability

Quietspace™ Panels are manufactured from thermally bonded polyester fibres and are highly durable and impact resistant. Extra consideration should be given to installations in high impact prone areas. Please discuss your requirements with your Autex Representative.

Installation

Please refer to the Quietspace™ Panels Installation Guide for instructions and hints.

Environmental

Quietspace™ Panels are manufactured under strict ISO 9001 Quality Control systems and Autex's zero waste policy. Quietspace™ Panel products contain up to 60% previously recycled polyester fibre ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled where-ever possible. Uncontaminated Quietspace™ Panels can be recycled.

Quietspace™ Panels are manufactured from 100% polyester fibres and do not contain formaldehyde binders commonly used in glass-wool insulation materials. Autex polyester will not off-gas VOC's and the fibres will not become a potential airborne pollutant providing safer indoor air quality. Quietspace™ products do not contain nor produce CFC's, HCFC's or any other ozone depleting substances or gases.

Panel Care

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the panel finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution. For panels covered with fabric, please refer to the fabric manufacturers cleaning instructions. Printed Panels require the services of a specialist cleaning company. For assistance please contact your Autex Representative.

Moisture Absorption

Polyester fibre when exposed to a 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.

Service

For further information about Quietspace™ Panels or any other Autex products, please contact your local Autex Representative or visit our website at www.autex.co.nz

Quietspace™ is a registered trademark of Autex Industries Limited. Quietspace™ Panels are manufactured by Autex Pty Ltd.

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