INTERIOR ACOUSTICS
QUIETSPACE®
PANEL

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When there is no room for compromise, Quietspace® Panel is the best solution for superior sound absorption without it being obvious. Quietspace Panel has been engineered to absorb a minimum of 85% of the sound energy it meets. This means annoying and distracting noise no longer feels that way.

Intentionally designed in two of the most common interior colours; black and white, Quietspace Panel can easily blend into ceilings and walls to simply do its job. But if you would like to turn your acoustics into a design element without losing the performance, simply use the ultimate upgrade; Vertiface®. Face or wrap your panels in any of our colours to create full feature walls or custom shapes and designs. Anything is possible.

Available in 25mm and 50mm, there's no acoustic challenge Quietspace Panel can't meet.

APPLICATIONS

- High performance acoustic panel for commercial interior sound control with a sophisticated appeal

- Refined acoustic surface for framed modular office partition panelling

- Suspended or direct fixed feature for ceilings

- Wallcovering with exceptional absorption of reverberated noise

- Functional acoustic wallcovering for retail and commercial interiors

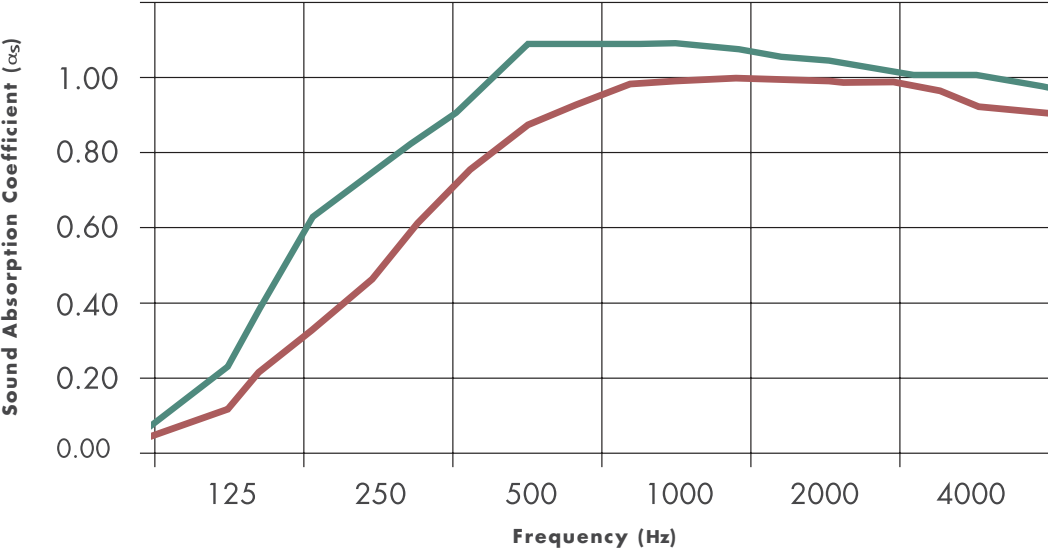- A decorative feature with custom cut and custom printing options available

SPECIFICATION:

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

Panel 1220mm x 2440mm x (_)mm nom depth, sound absorption: 25mm: Class C, NRC 0.85, 50mm: Class A, NRC 1.00. Fire rating 25mm: ISO9705: Classification: Group 1-S, AS ISO 9705 – 2003: Group 1, EN13501-1:2007: B – s2, d0 50mm: EN13501-1:2007+A1:2009: B - s2, d2

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

SOUND ABSORPTION COEFFICIENTS ACCORDING TO ISO 354. UNIVERSITY OF AUCKLAND ACOUSTICS TESTING SERVICE REPORT 25MM TEST: T0712-18. 50MM TEST: T1228-8.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
25mm (α_S)	0.12	0.47	0.88	0.98	0.99	0.93	0.85
50mm (α_S)	0.24	0.76	1.09	1.09	1.05	1.01	1.00

PRODUCT SPECIFICATIONS

Product Name   Quietspace® Panel
Composition   100% Polyester Fibre (PET)
Panel Dimensions 1220mm   x   2440mm
                                  (+ 5mm)   (+ 10mm)

THICKNESS AND WEIGHT

25mm (+/−6%): 2300gsm
50mm (+/−6%): 3800gsm

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).

THERMAL PERFORMANCE

(Internally tested by Autex Lab)

25mm: R0.64 (@15°C)
50mm: R1.48 (@15°C)

ACOUSTIC PERFORMANCE

Quietspace Panel is specifically designed to reduce and control reverberated (echo) noise in building interiors.

Minimum Noise Reduction Coefficient 0.85

INSTALLATION

Install as per Autex recommendations.

FIRE RATINGS
(Testing results for 2.5mm & 50mm Quietspace® Panel)

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
(SMOGRA$_{RC}$): <100m²/s2
Assessed using methodology AS ISO 9705:2003
in accordance with AS 5637.1:2015, as
required by BCA Specification C1.10-4.
FI 4871 dated 11th July, 2012 and FAR 4055-2 dated 8th October, 2013

EN13501-1:2007 (2.5mm Quietspace® Panel)
B - s2, d0
Report 185157 dated 22nd July, 2009

EN13501-1:2007+A1:2009 (50mm Quietspace® Panel)
B - s2, d2
Report WF 336912 dated 25th February, 2014

VOC EMISSIONS
Autex polyester has been tested by Cetec Pty Ltd
(Report: CV170908) for chemical emission and
is classified as low VOC.
VOC concentration: 0.009 mg/m³ (7 days)

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
and will not rot or deteriorate in intended
use situations.

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.

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

Quietspace Panel products contains a minimum of
45% previously recycled polyester fibre (from PET
bottle-flake). Off-cuts and manufacturing waste is
re-used or recycled wherever possible.

Uncontaminated Panel can be recycled.

Quietspace Panel is manufactured from
100% polyester fibres and does 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 Panel
or any other Autex product, please contact your
Autex Account Manager or visit our website.

Quietspace® is a trademark of Autex Industries
Limited and Autex Pty.

Quietspace Panel is proudly manufactured in
New Zealand by Autex Industries Ltd and in
Australia by Autex Pty Ltd.

whiteboards and pinboards

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