

QUIETSPACE PANEL



 QUIETSPACE® PANEL
COLOR: NUDE WHITE



QUIETSPACE® **PANEL**

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 three of the most common interior colors; black, grey 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; and combine with Autex Vertiface®. Face your panels in any of our colors to create full feature walls or custom shapes and designs. Anything is possible.

Available in 1" and 2" there's no acoustic challenge Quietspace Panel can't meet.

APPLICATIONS

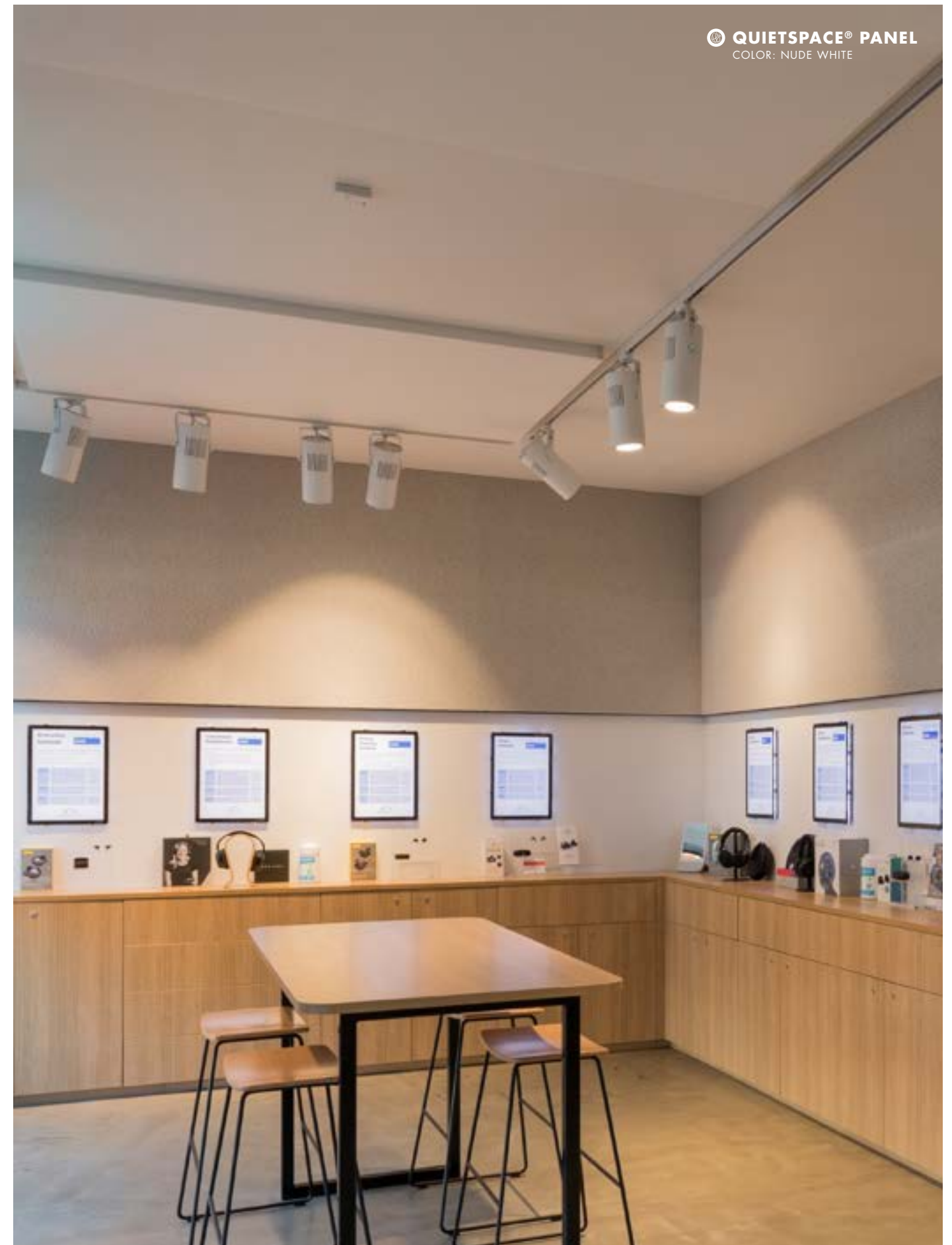
- High performance acoustic panel for commercial interior sound control
- Refined acoustic surface for framed modular office partition panelling
- Direct fixed to ceilings
- Exceptional absorption of reverberated noise
- Functional acoustic for retail and commercial interiors
- A decorative feature with custom cut 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 4' x 8' (L) nom depth, sound absorption: 1": Class B, NRC 0.85. 2": Class A, NRC 1.00. 1": ASTM E-84: Class A FS:0-SD:10, 2": Class B FS:50-SD:130, ISO 9705: Classification: Group 1-S, AS ISO 9705 – 2003: Group 1, 1": EN13501-1:2007: B-s2, d0, 2": 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.



OPEN SPACE COMFORT

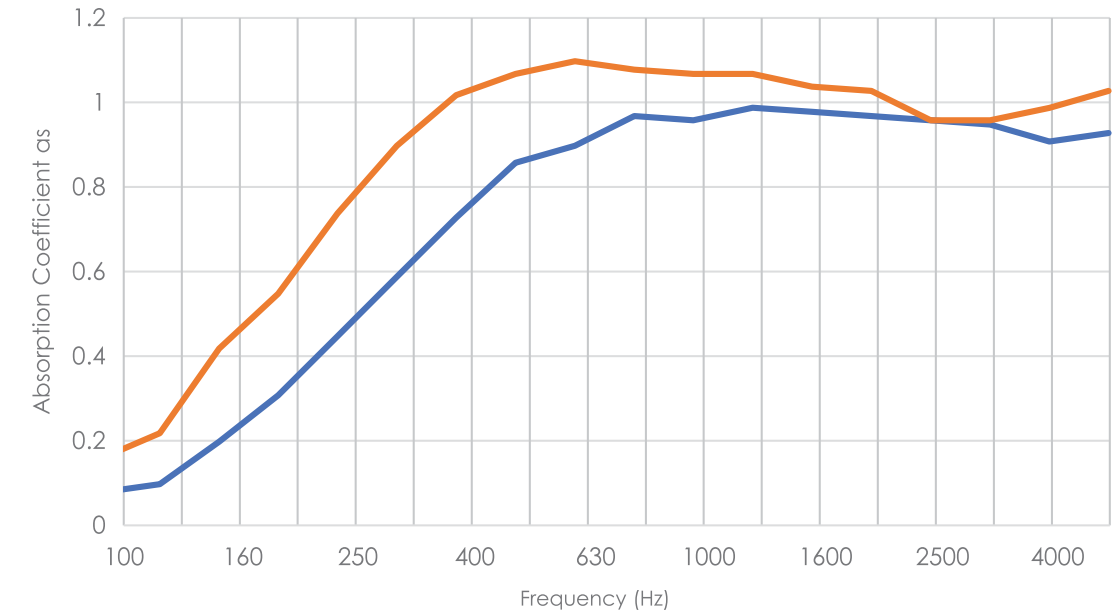
Reduce reverberated noise in large open areas
with Quietspace® Panel directly fixed to the ceiling.



QUIETSPACE® PANEL
 COLOR: NUDE BLACK



ABSORPTION COEFFICIENT ACCORDING TO ISO 354.



Description	University of Auckland Test report Number	Frequency (Hz)						NRC
		125	250	500	1000	2000	4000	
25mm	T0712-18	0.15	0.45	0.85	1.00	1.00	0.95	0.85
50mm	T1228-8	0.30	0.75	1.10	1.10	1.05	1.00	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.

PRODUCT SPECIFICATIONS

Product Name	Quietspace® Panel	
Composition	100% Polyester Fiber (PET)	
Panel Dimensions	4'	x 8'
Tolerance	(+0.20")	(+0.39")
Thickness	1"	2"
Tolerance	(+/- 6%)	(+/- 6%)
Weight	7.54 oz/ft ²	12.45 oz/ft ²

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)

1"	R3.4 (@59°F)
2"	R7.9 (@59°F)

ACOUSTIC PERFORMANCE

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

Minimum Noise Reduction Coefficient between 0.85-1.0

INSTALLATION

Install as per Autex recommendations. Install instructions are included in each pack or available on the website. If Quietspace Panel is to be specified for use other than as a wallcovering, please seek guidance from your Autex account manager.

FIRE RATINGS

Quietspace® Panel has been evaluated using the following test methods:

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

(SMOGR_{Arc}): <100m²/s²

Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637.1:2015, as required by BCA Specification C1.10-4.

Fl 4871 dated 11th July, 2012

Vertiface Overlay:

FAR 4055-3 dated 31st July, 2019

FAR 3960 dated 17th September, 2012

EN13501-1:2007 (25mm 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

ASTM E84 - 14 (1" Quietspace® Panel)

Class A, FS:0 - SD:10

RJ3297-7 dated 12th June 2014

WATER VAPOR SORPTION

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95%RH

Water vapor absorbed and adsorbed after 4 days:

0.4% by weight

FINISH OPTIONS

If you choose to laminate Quietspace Panel with Vertiface, you have the choice of either a velour or flat pile finish. Please discuss this with Autex Acoustics.

COLOR OPTIONS

Quietspace Panel is available in Nude Black and Nude White, or laminate with any of our 40 Vertiface® colors to turn your acoustic treatment into an exciting design feature.

IMPACT RESISTANCE

ISO 7892:1988

Hard Body Impact

There is no surface damage or penetration to

Quietspace Panel when subjected to hard body impacts. When adhered to 10mm plasterboard, the system can resist a 14-joule impact. This is equivalent to the impact of a 0.5kg object dropped from a 3m height. A small indentation might be observed when subjected to an impact equivalent to the impact of a 0.5kg object dropped from a 0.5-m height.

Soft Body Impact

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

MICROBIAL RESISTANCE

ASTM G21-15

Growth Rating: 0 (No growth)

Quietspace Panel does not promote the growth of moulds and mildew.

PATTERN REPEAT

Non-woven. No pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fiber blending and lay-up which is an inherent feature of this product.

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 Cleaning and Maintenance Guide for more information.

ENVIRONMENTAL

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

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

Autex Quietspace Panel is manufactured from 100% polyester fibers and does not contain formaldehyde binders. Autex polyester fibers 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® PANEL
COLOR: SILVER

VERTIFACE® COLOR OPTIONS



To order a color sample, please contact your Autex account manager
or visit www.autexindustries.com

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CARING FOR THE ENVIRONMENT

Quietspace® Panel is manufactured using 100% polyester fiber and contains a minimum of 45% previously recycled fiber (from PET plastics). Our products are designed to be recycled at the end of their life too.

We use Life Cycle Analysis (LCA) to understand the environmental impacts of our products and set targets to reduce these. All our products have been verified as low VOC and are free from chemical binders making them great for indoor environmental quality (IEQ).

We have continual improvement programmes in which we implement a range of initiatives to mitigate the environmental 'hotspots' that we have identified. Our products are GreenRate Level A, LCARate Gold and PHD level platinum certified. Quietspace Panel is Declare certified to be Red List free and can be used in Living Building Challenge projects.

Autex has a high functioning Environmental Management System (ISO 14001) to enhance our environmental performance and contribute to sustainable development.



Declare.



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