



Quietspace® Panel is manufactured by Autex Industries Ltd under an ISO 9001 and ISO 14001 certified Environmental and Quality Management System. The product is guaranteed to be free from manufacturing defects and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all of the performance properties stated within this guarantee.

Specification

Product Name	Quietspace® Panel	
Description	100% polyester needle punched, thermally bonded	
	Imperial	
Panel Dimensions	4' x 8'	
Tolerance	(+0.20") x (+0.39")	
Thickness	1"	2"
Tolerance	(+/- 6%)	
Weight	7.54oz/ft ²	12.45oz/ft ²

**Physical Description /
Properties**

Boiling Point	N/A
Melting Point:	482°F
Vapor Pressure:	N/A
Specific Gravity:	Polyester 1.38
Flash point:	N/A
Explosive limits:	N/A
Solubility in water	Not soluble
Alkalinity:	pH 7.8
Relative Vapor Density:	N/A

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
● 1"	0.15	0.45	0.85	1.00	1.00	0.95	0.85
● 2"	0.30	0.75	1.10	1.10	1.05	1.00	1.00



Service

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

Care and Maintenance

Maintain in accordance with the Care and Maintenance Guide available for this product.

Product Specifications

Composition

100% Polyester Fiber from polyethylene terephthalate (PET). Visage contains a minimum of 60% recycled polyester fiber.

Suitable applications

Acoustic wallcovering. Accepts pins and staples.

Light Reflectance

Nude 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).

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 5637:2015, as required by BCA Specification C110-4
FI 4871
FAR 4055

BS EN 13501-1:2018

(25 mm QuietSpace® Panel)

Wall applications

Classification: B-s₂d₂

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-s₂d₂

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

Thermal performance

(Internally tested by Autextab)

1": R3.4 (@59°F)

2": R7.9 (@59°F)

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.

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.

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 0.5kg object dropped from a

0.5-m height. When adhered to 10mm plasterboard, the system can resist a 14-joule impact, and no further indentations are observed. This is equivalent to the impact of a 0.5kg object dropped from a 3m 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 molds and mildew.

Color Fastness to light

Visage is suitable for indoor use only. Light fastness is dependent on use and exposure. Visage has been evaluated to the following standard:

ISO 105-B02:2014

Rating: 6 (Highest = 7)

Color Fastness to Rubbing

ISO 105-X12:2016

Dry Rating: 4-5 (Highest = 5)

Wet Rating: 4-5 (Highest = 5)

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.



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 fiber and does not contain formaldehyde binders. Autex polyester fibers support safer indoor air quality and will not become a potential airborne pollutant.

- **Autex Industries Ltd**

702-718 Rosebank Rd
Private Bag 19988
Avondale 1746, Auckland
New Zealand
Freephone 0800 428 839
Phone +64 9 828 9179
Fax +64 9 828 5810

- **Autex Australia Pty Ltd**

166 Bamfield Road
PO Box 5099
West Heidelberg, Melbourne
VIC 3081, Australia
Freephone 1800 678 160
Phone +61 3 9457 6700
Fax +61 3 9457 1020

- **Autex Acoustics Ltd**

Unit J4, Lowfields Way,
Lowfields Business Park,
Elland, West Yorkshire
Hx5 9Da
United Kingdom
Phone +44 0 1422418899

- **Autex Acoustics LLC**

1630 Dan Kipper Dr,
Riverside, CA 92507
United States of America
Phone +1 424 203 1813

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