



Quietspace® Panel

Data Sheet

Product Overview

Quietspace® Panel is a high-performance acoustic treatment engineered to absorb a minimum of 85% of the sound energy it meets. Made from 100% polyester fiber, Quietspace Panel has a hard, compressed face and cushioned backing, available in a 1" thickness.

Sustainable Material

- Carbon neutral product
 - Zero carbon manufacturing
 - Average recycled content - 58% recycled material*
 - Low VOC and CDPH compliant - <0.0035 mg/m³ (7 days)
 - Zero waste manufacturing initiative
 - Sustainable supply chain and anti-modern slavery
- *Recycled content for Quietspace Panels varies between colors. Minimum recycled content for specific Quietspace Panel style is available upon request from your Momentum account manager

Environmental Credentials

- EPD – compliant with ISO 14025 and EN 15804
- ISO 14001 Certified Environmental Management
- Declare – Red List free (third party verified)
- 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 momentumco.com, or speak with your Momentum account manager.

Specification

(Wall/Ceiling) treatment shall be Quietspace® Panel made from thermally bonded polyester containing no less than 58% recycled material as manufactured by Autex Acoustics. Nude Panel 48" x 111.8" x 1", or Vertiface® Laminated Panel 47.25" x 110" x 1", sound absorption: NRC 0.85. Fire rating: ASTM E-84: Class A, FS:0 - SD:10



Product Specifications

Product Name	Quietspace® Panel
Composition	100% polyester fiber (PET)
Nude Panel Dimensions	48" x 111.8"
Vertiface® Laminated Panel Dimensions	47.25" x 110"
Tolerance	(+0.20") x (+0.39")

Thickness	1"
Tolerance	(+/- 6%)
Weight	6.88 oz/ft ²

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 Momentum account manager.

Product Specifications

Fire Ratings

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

ASTM E84 - 14

(1" Quietspace® Panel)
Class A, FS:0 - SD:10
RJ3297

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 0.5 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 molds and mildew.

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).

Color Fastness to Light

Quietspace Panel is suitable for indoor use only. Light fastness is dependent on use and exposure. Quietspace Panel has been evaluated to the following standard:
ISO 105-B02:2014
Rating: 6 (Highest = 7)

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. Refer to the Autex Acoustics Care and Maintenance Guide for more information.

Service

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



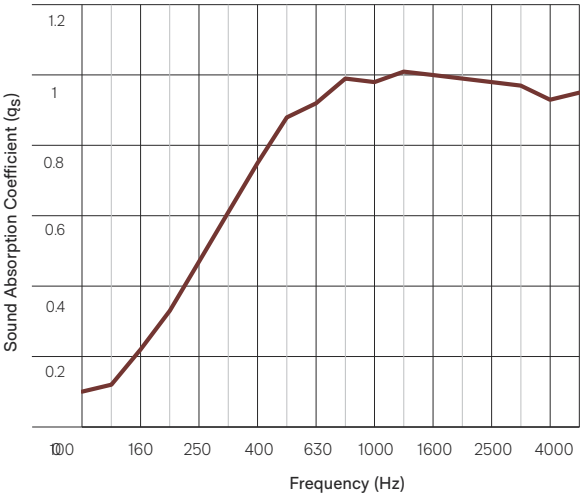
Acoustic Performance

Quietspace Panel is specifically designed to reduce and control reverberated noise and echo 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

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 centered on 250 Hz, 500 Hz, 1000 Hz, and 2000 Hz and rounded to the nearest 0.05.

Absorption coefficient according to ISO 354
University of Auckland Testing Service
Quietspace Panel 1" - test no. T0712-18



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