

Precise acoustic control is now just a clip away. The sound absorbing qualities of Autex's 50mm Quietspace® Panel have been combined with a state of the art suspension system to deliver the high performing Quietspace® Horizon.

The Quietspace® Horizon system is your guaranteed approach to suspending acoustic absorbing panels. Tested for seismic compliance and simple to install; Quietspace® Horizon's adjustable system allows you to set the suspension height with ease.

Hung at various heights from the ceiling; Quietspace® Horizon gives you the ability to target multiple frequency levels across a single space. This provides complete acoustic control across numerous sound sources; perfect for the hospitality industry and commercial environments.

Manufactured in New Zealand and Australia under Autex's ISO 14001 accredited Environmental Management System; the Quietspace® Panel component contains a minimum of 60% post-consumer recycled material and is the obvious choice for sustainable acoustic control. Quietspace® Panel is a non-toxic, non-allergenic and a non-irritable product making it ideal for environments where health and safety is key.

Key Benefits

- Premium sound absorption and balanced acoustic performance
- Highly durable providing long term stability and performance
- Lightweight and easy to install
- Available in white or black Quietspace® Panel
- Made from Quietspace® Panel with a minimum of 60% post-consumer recycled material
- Quietspace® Panel made from 100% polyester fibre without chemical binders and certified low VOC
- Safe, non-toxic, non-allergenic and non-irritable
- Polyester manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems
- Quietspace® Panel does not contain Red List chemicals *

* Red List chemicals are defined by the United States Environmental Protection Agency (U.S. EPA) and The International Living Future Institute as materials that are harmful to living creatures, including humans. A full list can be found at www.declareproducts.com. Green Building Rating Compatibility certificate can be found on www.envirospec.co.nz

Specification:

Suspended acoustic absorption system shall be Quietspace® Horizon as compiled by Autex www.autexindustries.com

Suspended acoustic absorber (L)mm x (L)mm x 50mm depth, colour (L) sound absorption: Class A, Fire Rating ISO 9705: 1993 Classification: Group 1-S, AS ISO 9705 – 2003: Group 1, EN13501-1:2007+A1:2009: C - s3, d0

Supplied with suitable quantity of fixings for Quietspace® Horizon Suspension System including lengths of 1m galvanised cables, ceiling mounts, panel mounts, "Velda" cable clips.

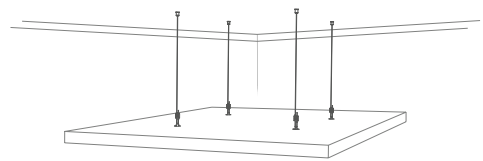
Install as per Quietspace® Horizon Install Instructions.

Applications

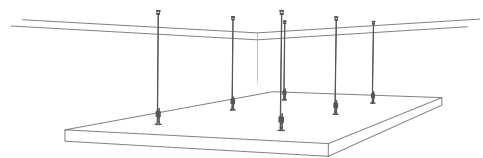
- Decorative and functional acoustic absorption system for office, education, retail, hospitality and commercial interiors
- Minimise noise in the interior environment and create a unique aesthetic

Design Options

Quietspace® Horizon is currently available in two classic designs:



Quietspace® Horizon 480
1220mm x 1220mm (2 per pack)



Quietspace® Horizon 720
1220mm x 2440mm (1 per pack)

Ask your Autex Account Manager about more information on custom designs.

Product Specifications

Product Name Quietspace® Horizon
Composition 100% Polyester Fibre (PET) with "Velda" clip system
Panel Dimensions 480 | 720
Width 1220mm | 1220mm
Length 1220mm | 2440mm
Thickness 50mm
Weight 3900gsm

Installation Fittings

All components for assembly are supplied, see Quietspace® Horizon Install Instructions for details.

Light Reflectance Value

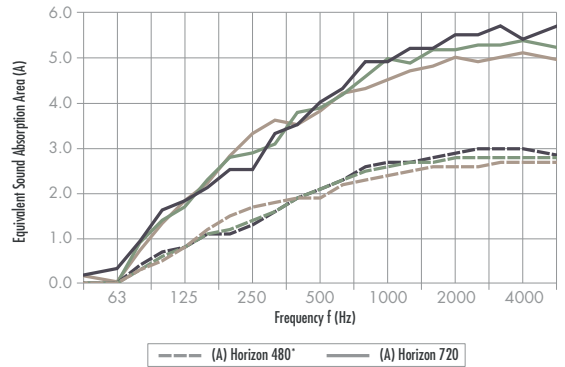
White Quietspace® Horizon is suitable for indoor use only and has been tested to the following standard:
ASTM 5036: 83

Acoustic Performance

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

Effective Absorption Area Per Unit (metric Sabine)

In accordance with ISO 354



		Frequency (Hz)						
		63	125	250	500	1000	2000	4000
Horizon 480	400mm from Ceiling	0.10	0.83	1.67	2.00	2.40	2.60	2.70
	600mm from Ceiling	0.10	0.83	1.40	2.10	2.60	2.76	2.80
	800mm from Ceiling	0.13	0.83	1.33	2.10	2.67	2.90	2.97
Horizon 720	400mm from Ceiling	0.27	1.76	3.23	3.83	4.50	4.90	5.03
	600mm from Ceiling	0.30	1.80	2.93	3.97	4.83	5.23	5.33
	800mm from Ceiling	0.47	1.83	2.77	3.93	5.00	5.40	5.57

* Quietspace® Horizon 420 tested as 1 x 1220mm x 1220mm Panel

Fire Ratings (Testing results for 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
 (SMOGRARC): <100m²/s²
 As required by BCA C1.10
 FAR 4055 dated 8th October, 2013

EN13501-1:2007+A1:2009
 B - s2, d2
 WF 336912 dated 25 February, 2014

VOC Emissions
 Autex polyester has been tested by Cetec Pty Ltd (Report: CV080408) for chemical emission and is classified as low VOC.
 VOC concentration: 0.01 mg/m³.

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, mould or mildew and will not rot or deteriorate in intended use situations.

Fabric Care
 Blot spills from surface 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.

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

Seismic Testing
 Quietspace® Horizon has been independently tested and has been proven to not collapse or fall in the event of Earthquake. Parameters of which are defined in BRANZ ST1029/1 dated 9th July, 2015.

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

Quietspace® Panel contains a minimum of 60% previously recycled polyester fibre (PET bottle-flake) ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled wherever possible.

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® Horizon, Panel or any other Autex product, please contact your Autex Account Manager or visit our website.

Quietspace® is a trademark of Autex Industries. Quietspace® Panel is proudly manufactured in New Zealand and Australia by Autex Industries.