

Quietspace®

3D Tile - Fractile

Quietspace® 3D Tile is a pre-finished acoustic wall tile designed to create a contemporary interior and open the realms of design flexibility in any interior environment.

Quietspace® 3D Tile is a lightweight semi-rigid tile product that redefines sustainable design and dematerialisation. Quietspace® 3D Tile will create a contemporary and decorative interior whilst helping to reduce reverberated sound, and assist in controlling background noise.

Quietspace® 3D Tile products are made from 100% polyester (which is recyclable) and contain a minimum of 60% post-consumer recycled material (PET bottle-flake).

Quietspace® 3D Tile is a high-density material manufactured from 100% polyester fibres. Quietspace® 3D Tile is therefore completely safe, non-toxic, non-allergenic and non-irritant. Quietspace® 3D Tile is ideally suited for commercial office, education, retail and hospitality.

Key Benefits

- Quietspace® 3D Tile is made from 100% polyester fibre without chemical binders or retardants
- Manufactured using a minimum of 60% already recycled polyester fibre; made from post-consumer waste
- Excellent acoustic performance
- Highly durable providing long-term stability and performance
- Safe, non-toxic, non-irritant and non-allergenic
- Resistant to fading (refer to 'Fastness to Light')
- Light-weight and easy to handle
- Base material is manufactured under ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems

Applications

- Decorative and functional acoustic surface for commercial, retail, hospitality, education and commercial interiors
- Minimise noise in the interior environment and create unique finishes and features
- Modular design for ease of installation and demountable allowing your design to evolve with you



Product Specifications

Product Name Quietspace® 3D Tile

Style Fractile

Composition 100% polyester fibre (PET)

Pattern Thickness 20mm - 65mm

Tile Dimensions Standard: 500mm x 500mm

Pack Size 8 Tiles per box

MOQ MOQ applies. Contact your local Autex Representative.

Installation Fittings

Mounting Clips supplied with tiles - see box for installation instructions.

Fastness to Light

Quietspace® 3D Tiles are suitable for indoor use only. Please discuss your requirements with your Autex Representative.

Fire Ratings

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_{RC}): <100m²/s²

As required by BCA C1.10

BRANZ (FAR 4055)

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.

Environmental

Autex is committed to Quality and Environmental best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems. 3D Tile products contain a minimum of 60% previously recycled polyester fibre (from PET bottle-flake) ensuring comparatively low embodied energy.

Uncontaminated Quietspace® 3D Tiles can be recycled. Quietspace® 3D Tiles are manufactured from 100% polyester fibres and does not contain formaldehyde binders. Autex polyester fibres will not become a potential airborne pollutant and will support safer indoor air quality.

Fabric Care

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the fabric finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution. For assistance please contact your Autex Representative.

Colour Range



BRILLIANT ORANGE

CHARCOAL

SILVER



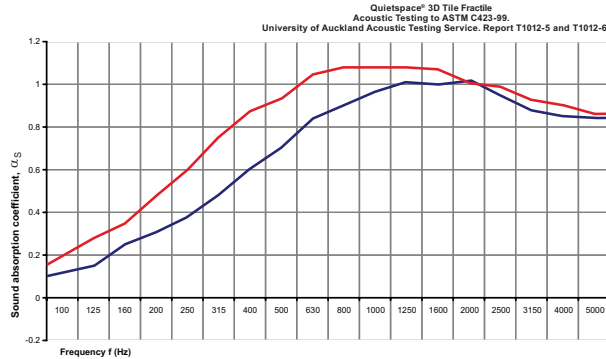
BARK

CIVIC

Acoustic Performance

Quietspace® 3D Tile has been designed to reduce and control reverberated (echo) noise in building interiors.

Quietspace® 3D Tile:



Frequency (Hz)	α_p Without AAB	α_p With AAB*
125	0.15	0.25
250	0.40	0.60
500	0.70	0.95
1000	0.95	1.00
2000	1.00	1.00
4000	0.85	0.90

* Results with the addition of Autex AAB 35-25 polyester absorber inserts in back of tiles.

Noise Reduction Coefficient:

Without AAB: 0.75 With AAB: 0.90

Sound Absorption Class:

Without AAB: C With AAB: A

Service

For further information about Quietspace® 3D Tile or any other Autex products, please contact your local Autex Representative or visit our website.

Quietspace® is a registered trademark of Autex Industries Ltd. Quietspace® 3D Tile is proudly manufactured in New Zealand.

Distributed by Ecoplus Systems
Phone 0800 4 ECOPLUS
www.ecoplus-systems.com



Autex Industries Ltd
702 - 718 Rosebank Rd
Private Bag 19988,
Avondale 1746, Auckland
New Zealand
Phone +64 9 828 9179
Fax +64 9 828 5810
Freephone 0800 428 839
www.autex.co.nz

Autex Pty Ltd
166 Barnfield Rd,
PO Box 5099,
West Heidelberg, Melbourne,
VIC 3081 Australia
Phone +61 3 9457 6700
Fax +61 3 9457 1020
Freephone 1800 678 160
www.autex.com.au

AN ISO 9001 AND ISO 14001 CERTIFIED COMPANY

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