

HushTex Acoustic Surfaces

HushDimension 3D Tile –

Sculpture

HushDimension 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.

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

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

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

Key Benefits

- HushDimension 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: HushDimension 3D Tile

Tile Style: Script

Composition: 100% polyester fibre (PET)

Pattern Thickness: 40mm

Tile Dimensions Standard: 500mm x 500mm

Pack Size: 8 Tiles per box

MOQ: MOQ applies. Contact your local HushTex representative.

Installation Fittings:

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

Fastness to Light

HushDimension 3D Tile Tiles are suitable for indoor use only. Please discuss your requirements with your HushTex representative.

Fire Ratings

AS1530.3

Spread of Flame Index (0-10) 0

Smoke Developed Index (0-10) 5

Tested 3 October 2007, AWTA (Report Number 7 - 555352-CO)

AS/NZS 3837:1998

BCA Classification: GROUP 3

Average Specific Extinction Area: 415.4 m² /Kg

Tested 26 April 2007, AWTA (Report Number 7-551954-CO)

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

HushTex Manufacturers are 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 HushDimension 3D Tiles can be recycled. HushTex 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 HushTex Representative.

Colour Range



Acoustic Performance

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

HushDimension 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 HushTex AAB 35-25 polyester absorber inserts in the back of the tiles.

Noise Reduction Coefficient:

Without AAB: 0.75 With AAB: 0.85

Sound Absorption Class:

Without AAB: C With AAB: A

Service

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