



# HushTex™

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Product information for -

## HushPanel Acoustic Surface

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HushPanel has been engineered for superior sound absorption and balanced acoustic design. HushPanel is ideal for wall and ceiling applications and can be fabric-faced or digitally printed. Utilising the latest technology, any image or design can be re-created as a unique acoustic detail, custom or artwork.

No longer are acoustic s restricted to fabric wrapped frames. HushPanel allows interior designers to explore new horizons and break established boundaries.

HushPanel is light-weight, semi-rigid, impact resistant and incredibly durable. Made from 100% polyester fibres, are completely safe and support safer indoor air quality.

HushPanel is supplied to site in sheet form that can be cut-in and framed on site eliminating issues with on-site variations in wall size and shape that have traditionally posed problems for fabric wrapped s manufactured and finished off-site.

Optional finishing kits of extruded edge detail and fixings are also available including PVC end-capping, and complete aluminium frames

allowing designers greater flexibility for large wall areas or unique modular s.

HushTex polyester products are fully recyclable and follow an ecological production process. HushPanel products contain a high percentage of already recycled polyester fibres and are manufactured under a strict zero waste policy.

### Applications

- High performance acoustic for commercial interior sound control.
- Acoustic and pin board surface for modular office partition lining.
- Display, privacy and noise control when framed for modular room divider.
- Framed for free-standing, or direct fix acoustic .
- Decorative and functional acoustic wall covering for education, retail, and commercial interiors.

## Key Benefits

- Made from 100% polyester fibres (including a high proportion of previously recycled fibres)
- Excellent acoustic performance
- Highly durable providing long-term stability and Performance
- Recyclable and environmentally friendly
- Safe, non-toxic, non-irritant and will not off-gas VOC's providing safer indoor air quality
- Resistant to fading (refer to `Fastness to Light`)
- Light-weight and easy to handle
- Offers complete design flexibility with our ability to provide cut shapes and custom colour printing
- Manufactured under strict ISO 9001 Quality Control Systems

## Product Specifications

**Product Name** HushPanel

**Composition** 100% polyester fibre (PET)

**Dimensions Standard:** 2410mm (+/- 10mm) x 1205mm (+5 / -0mm)

## Product Format

Thickness    **25mm**    **50mm**  
Weight (gsm) 2300gsm 3800gsm

HushPanel is available as standard 25mm or 50mm thick s. HushPanel can be pre-finished with Vertiface fabric, supplied white (nude) or custom printed.

## Custom Options

Utilising the latest technology HushPanel can be printed to create unique colours and patterns, incorporate branding or add interest through adding the appearance of textured finishes. HushPanel can also be supplied as custom cut parts for unique wall decoration For custom print and cutting options, please discuss your requirements with us.

Optional finishing kits of framing and fixings are available for the 25mm and 50mm HushPanel products. For more information please discuss your requirements with us.

## Fastness to Light

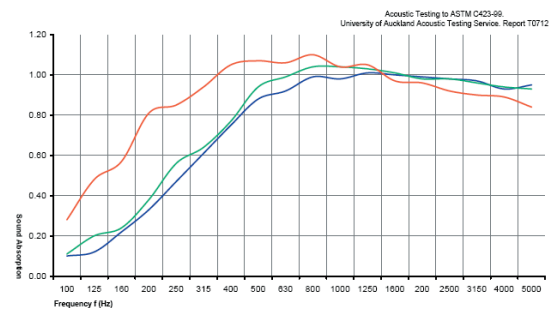
HushPanel is suitable for indoor use only. Custom printed s can be offered with UV resistance on request. Please discuss your requirements with your SFM Acoustics sales consultant. HushTex Vertiface fabric has been tested to the following standard.

## ISO105-B02-1994 (Grey Scale 1-5)

Light Fastness Rating: 3

## Acoustic Performance

HushPanel has been designed to reduce and control reverberated (echo) noise in building interiors.



Frequency (Hz)	25mm Panel	25mm Panel with 6mm air gap	50mm Panel
100	0.10	0.11	0.28
125	0.12	0.20	0.48
160	0.22	0.24	0.57
200	0.33	0.38	0.81
250	0.47	0.56	0.85
315	0.61	0.64	0.94
400	0.75	0.77	1.05
500	0.88	0.94	1.07
630	0.92	0.99	1.06
800	0.99	1.04	1.10
1000	0.98	1.04	1.04
1250	1.01	1.03	1.05
1600	1.00	1.01	0.97
2000	0.99	0.98	0.96
2500	0.98	0.98	0.92
3150	0.97	0.96	0.90
4000	0.93	0.94	0.89
5000	0.95	0.93	0.84
NRC	0.85	0.90	1.00

## Fire Ratings

European Classification EN 13501 – 1: 2007

HushPanel 25mm B – s2, d0

Flaming Droplets/Particles Index (0-10) 0

Smoke Production Index (0-10) 2

HushPanel 50mm C – s3, d0

Flaming Droplets/Particles Index (0-10) 0

Smoke Production Index (0-10) 3

## Thermal Performance

25mm Panel R1.48 (@15° Celcius)

50mm panel R0.64 (@15° celcius)

## Durability

HushPanel is manufactured from thermally bonded polyester fibers and are highly durable and impact resistant. Extra consideration should be given to installations in high impact prone areas. Please discuss your requirements with us.

## Installation

Please refer to the HushPanel Installation Guide for instructions and hints.

## Environmental

HushPanel is manufactured under strict ISO 9001 Quality Control systems and a zero waste policy. HushPanel products contain up to 60% previously recycled polyester fiber ensuring comparatively low embodied energy. Off cuts and manufacturing waste is re-used or recycled

comparatively low embodied energy. Off cuts and manufacturing waste is re-used or recycled where-ever possible. Uncontaminated HushPanel can be recycled.

HushPanel is manufactured from 100% polyester fibers and does not contain formaldehyde binders commonly used in glass-wool insulation materials. HushTex polyester will not off-gas VOC's and the fibers will not become a potential airborne pollutant providing safer indoor air quality. HushTex products do not contain nor produce CFC's, HCFC's or any other ozone depleting substances or gases.

## 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. For s covered with fabric, please refer to the fabric manufacturers cleaning instructions. Printed panels require the services of a specialist cleaning company. For assistance please contact us.

## Moisture Absorption

Polyester fiber when exposed to a 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.

## Service

For further information about HushPanel or any other HushTex products, please contact your local SFM Acoustics sales consultant.

