HushTex **Acoustic** Surfaces
HushScreen

HushScreen is a pre-finished screen product designed to open the realms of design flexibility in office furniture design and manufacture.

HushScreen is a lightweight semi-rigid panel product that redefines sustainable design and dematerialisation. HushScreen will help increase privacy in open offices, reduce reverberated sound, and assist in controlling background chatter noise.

HushTex products are made from polyester (which is recyclable) and manufactured under an ISO 14001 certified Environmental Management System. HushScreen products contain a minimum of 60% post-consumer recycled material (PET bottle-flake).

HushScreen is a high-density material manufactured from 100% polyester fibres. HushScreen is therefore completely safe, non-toxic, non-allergenic and non-irritant. HushScreen is ideally suited for office workstation screen manufacture, partition dividers or as a pre-finished acoustic panel.

Key Benefits
- Workstation 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.

- Offers complete design flexibility with our ability to provide custom colour printing.
- Manufactured under ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

Applications
– Acoustic and pin board surface for modular office partition panelling.
– Display, privacy and noise control when framed for modular room divider.
– Framed for freestanding or direct fix acoustic panel.
– Decorative and functional acoustic wall covering for education, retail, and commercial interiors.

Product Specifications
Product Name: HushScreen
Composition: 100% polyester fibre (PET)
Panel Dimensions Standard: 2400mm (+/- 10mm) x 1200mm (+5 / -0mm)

Product Format

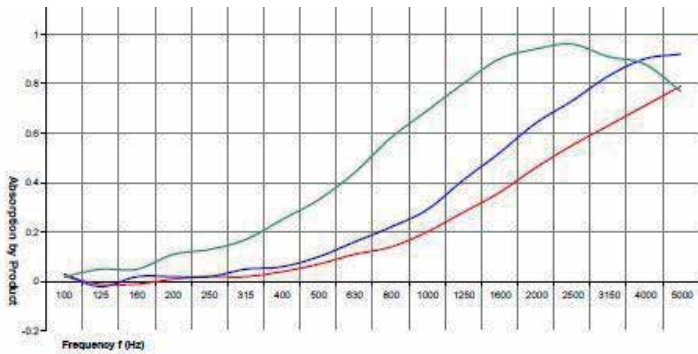| Thickness	6mm	12mm
Weight (gsm)	1200gsm	2400gsm Density
(Kg/m3)	200Kg/m3	200Kg/m3

HushScreen can be supplied as standard 6mm or 12mm panels, single or double- sided fabric finish, white (nude) or custom printed.

Custom Options
Utilising the latest print technology HushScreen can be printed to create unique colours and patterns, incorporate branding, or add interest through adding the appearance of textured finishes. For
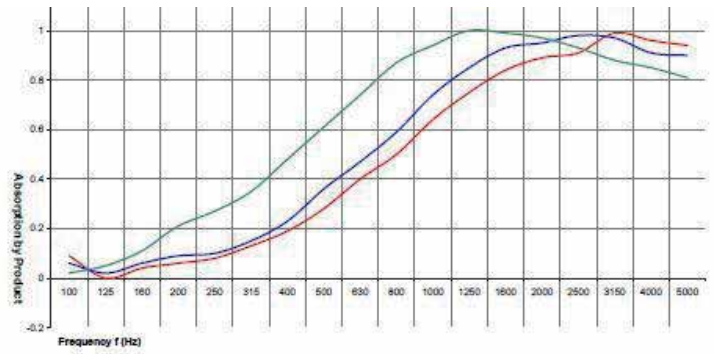
custom print options, please discuss your requirements with your us.

HushScreen 6mm

Frequency (Hz)	6mm	6mm with 6mm air gap	6mm with 25mm air gap
100	0.02	0.03	0.02
125	-0.01	-0.02	0.05
160	-0.01	0.02	0.05
200	0.01	0.02	0.11
250	0.02	0.02	0.13
315	0.02	0.05	0.17
400	0.04	0.06	0.25
500	0.07	0.10	0.33
630	0.11	0.16	0.44
800	0.14	0.22	0.58
1000	0.20	0.29	0.69
1250	0.28	0.41	0.80
1600	0.36	0.52	0.90
2000	0.46	0.64	0.94
2500	0.55	0.73	0.96
3150	0.63	0.83	0.91
4000	0.71	0.90	0.88
5000	0.79	0.92	0.77
NRC	0.20	0.25	0.30

HushScreen 12mm

Frequency (Hz)	12mm	12mm with 6mm air gap	12mm with 25mm air gap
100	0.09	0.06	0.02
125	0.00	0.02	0.05
160	0.04	0.06	0.11
200	0.06	0.09	0.21
250	0.08	0.10	0.27
315	0.13	0.15	0.35
400	0.19	0.23	0.48
500	0.28	0.36	0.61
630	0.40	0.47	0.74
800	0.50	0.59	0.87
1000	0.64	0.74	0.94
1250	0.75	0.85	1.00
1600	0.84	0.93	0.99
2000	0.89	0.95	0.97
2500	0.91	0.98	0.93
3150	0.99	0.97	0.88
4000	0.96	0.91	0.85
5000	0.94	0.90	0.81
NRC	0.45	0.55	0.70

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)

Thermal Performance
HushScreen 12mm: R0.41 (@15^{0}C)

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

Manufactured to Quality and Environmental best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems. HushScreen products contain a minimum of 60% previously recycled polyester fibre (from PET bottle-flake) ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled wherever possible.

Uncontaminated HushScreen can be recycled. HushScreen is 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. Custom printed HushScreen requires the services of a specialist cleaning company. For assistance please contact us.

Pattern Repeat

Non-woven. No pattern repeat. Product may vary from samples due to fibre blending and lay-up which is an inherent feature of this product.

Service

For further information about HushScreen or any other HushTex products, please contact one of our sales consultants.