

TVS Acoustic Fabric



TVS ACOUSTICS
NOISE & VIBRATION CONTROL



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Reduce reverberated noise and add a vibrant feature to your environment with **TVS Acoustic Fabric**.

An acoustic and decorative wall fabric, TVS Acoustic Fabric is the simple choice for managing echo and creating a durable interior solution. Available in a range of over 25 classic colours with hook-and-loop receptive surface, TVS Acoustic Fabric provides the freedom to create a unique look in any space.

Made from fabric laminated to an acoustic, needle-punched and thermally bonded 100% polyester backing, TVS Acoustic Fabric reduces the need for extensive wall preparation and painting.

Transform your walls into acoustic noticeboards by taking advantage of TVS Acoustic Fabric's pinnable and hook-and-loop-receptive surface. It provides the perfect solution for secondary schools, primary schools, commercial offices, libraries, cinemas, bowling alleys, theatres and the hospitality industry.

Made from 100% polyester fibre, TVS Acoustic Fabric contains a minimum of 60% recycled content

and is manufactured under ISO 9001 and ISO 14001 accredited Quality and Environmental Management Systems. It is also moisture-resistant so that it won't stain, rot or break down, making TVS Acoustic Fabric the safe, non-toxic, long-lasting and sustainable acoustic wall treatment.



TVS Acoustic Fabric

Key Features and Benefits

- Excellent acoustic performance
- Available in a wide range of colours
- Custom colour printing available
- Limitless branding and design possibilities with in-house custom cutting
- Lightweight and easy to handle
- UV stabilised and resistant to colour fade
- Pin, staple and hook-and-loop-receptive, allowing TVS Acoustic Fabric to be utilised as a display board
- Non-zip and non-fray for use with cut-ins and creating logos
- Made from 100% polyester fibre without chemical binders and certified low VOC
- Manufactured using a minimum of 60% recycled content
- Post-consumer recycled material
- Highly durable, providing long-term stability and performance
- Safe, non-toxic, non-irritant and non-allergenic
- Manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems
- Does not contain any red list chemicals



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Applications

- Decorative and functional acoustic wallcovering for education, retail and commercial interiors
- Minimises noise in interior environments
- Media for creative solutions
- Acoustic pinboard surface for education and commercial sectors

Product Specifications

Product Name	TVS Acoustic Fabric
Composition	100% Polyester Fibre (PET)
Roll Dimensions	5m, 10m, 15m, 20m, 25m
Thickness	10-12mm
Weight	Typically 1600gsm
Finish	Available in fine velour
Hook-and-Loop	Hook size 1.5mm or less

TVS Acoustic Fabric

“TVS Acoustic Fabric provides the freedom to create a unique look in any space.”

Colour Options

TVS Acoustic Fabric is available in a range of colours to suit many different applications.

Refer to the TVS Acoustic Fabric Colour Guide available from www.TVS-acoustics.com.

Lightfastness

TVS Acoustic Fabric is suitable for indoor use only and has been tested to the following standard:

ISO 105-B02-1994 (Grey Scale 1–5)

Lightfastness Rating: 3

Thermal Performance

TVS Acoustic Fabric R0.22 (@15°C)

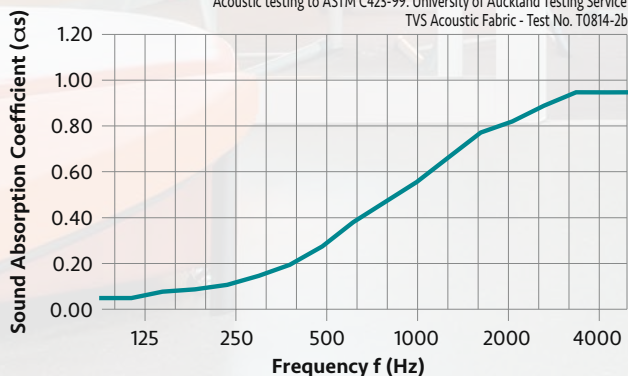
Acoustic Performance

TVS Acoustic Fabric is specifically designed to reduce and control reverberated (echo) noise in building interiors.

Sound Absorption - Class D

Minimum Noise Reduction Coefficient 0.40

Acoustic testing to ASTM C423-99. University of Auckland Testing Service
TVS Acoustic Fabric - Test No. T0814-2b



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
TVS Acoustic Fabric	0.05	0.10	0.25	0.55	0.80	0.95	0.40



Specification:

(Wall) treatment shall be TVS Acoustic Fabric from non-woven needle-punched polyester containing not less than 60% post-consumer recycled material.

Roll 10-12mm (nom.) depth, colour (),
sound absorption: Class D,

NRC 0.40, Fire ratings: ISO 9705: Classification: Group 1-S,

AS ISO 9705 – 2003: Classification: Group 1, EN13501-1:2007+A1:2009: Classification: B – s1, d0

Install as per TVS recommendations.

TVS Acoustic Fabric

“It provides the perfect solution for secondary schools, primary schools, commercial offices, libraries, cinemas, bowling alleys, theatres and the hospitality industry.”

Installation

Install as per TVS recommendations.

If TVS Acoustic Fabric is to be specified for use other than as a wallcovering, please speak to the TVS Technical Team.

Fire Ratings

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: $<5.0\text{m}^2/\text{s}$

As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1

(SMOGR_{Arc}): $<100\text{m}^2/\text{s}^2$

As required by BCA C1.10

FI 4894 dated 6th June, 2012

EN13501-1:2007

B - s1, d0

Report 189053 dated 7th December, 2009



“It is moisture-resistant so that it won’t stain, rot or break down, making TVS Acoustic Fabric the safe, non-toxic, long-lasting and sustainable acoustic wall treatment.”

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Colour Guide

								
AVOCADO	SPEARMINT	SAGE	JADE	LIME	WASABI	GRANNY SMITH	AZURE	OCTANE
								
STATELY	INK	STONEWASH	ATLANTIS	ELECTRIC BLUE	CALYPSO	BLUSH	PHANTOM	RASPBERRY
								
THEATRE	CHILLI RED	BLAZING RED	LIGHTSOUT	CINDER	CITRUS	CLAY	SIMBA	VINTAGE
								
BRILLIANT ORANGE	BARK	PORCELAIN	MYST	FAWN	SANZ	KOALA	SILVER	CIVIC
								
CHARCOAL	NOIR							

This colour guide is intended as a digital representation only. Slight variations in colour may be experienced due to the nature of the manufacturing process. Please contact your TVS Technical Team to request product samples.





CASE STUDY

Kingsgate Primary School

Project/Objective

TVS Acoustics was tasked with providing an acoustic solution for a primary school within the classrooms and corridors due to high noise levels. Furthermore, the Acoustic Fabric's properties allow it to function as a pin-board for all classroom displays, whilst providing an aesthetically pleasing design.

TVS Acoustics supported the school throughout the project and completed the works out of hours to ensure school operations were not affected. All classrooms were left clean and tidy for the teachers each morning.

All works were completed to the delight of the school Business Manager Shelley Dunbar who went on to say "TVS were really easy to work with, we don't always get that with contractors. They were being really accommodating throughout the whole process, which makes a huge difference."



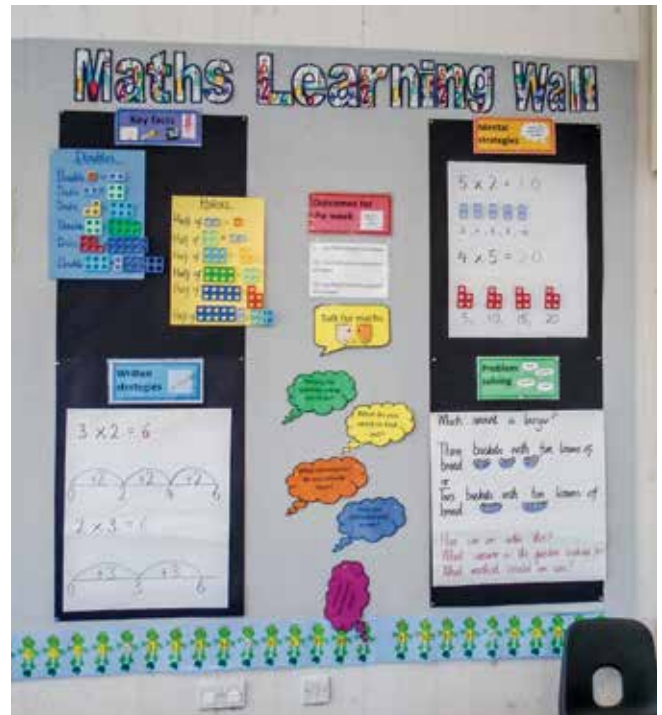
Product

290m² TVS Acoustic Fabric

Special Features

- Excellent Acoustic Performance
- Quick & Easy Installation
- No Maintenance
- Pinboard Surface for Education
- Provides a Unique Look

Completed: 2018





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