

# Sealed Air®

## Stratocell™ Whisper®

Sound Absorbing  
Acoustic Panels

NRC = 0.75

The safe, sustainable & economic option for:

- Classrooms
- Media Rooms
- Gymnasiums
- Pools
- Workshops
- Halls & Auditoriums

Is your classroom  
NOISY?



**BRANZ Appraised**  
Appraisal No.949 [2017]

Stratocell® Whisper™ FR  
Sound Absorbing Foam





## The Problem:

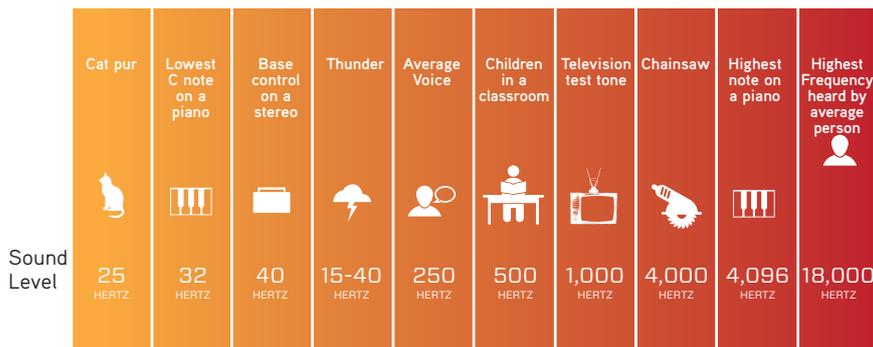
The WHO has identified noise as an environmental hazard, second only to air pollution.

We all know that children make a lot of NOISE! Hard, reflective surfaces in a classroom can contribute to bad acoustics and may even amplify this noise.

Excessive noise can impact health, learning outcomes and behaviour and often leads to frustrated, tired and fatigued students and teachers\*.

However, noisy classrooms can be expensive to fix, and acoustic solutions are often complicated to install.

### Frequency Chart



## The Solution:

Stratocell Whisper® is the safe way to add acoustic healthcare to your learning environment.

### How do we create acoustic comfort easily?

Stratocell Whisper® is a high performance, cost-effective sound absorbing panel that reduces reverberation and noise. Whisper can easily be installed on walls or ceilings with a quick, simple, purpose made double sided tape. No specialized installers are required saving considerable cost.

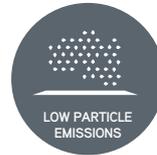
Whisper's superior NRC (0.75) when compared to alternatives with a lower NRC means that you need less surface area to achieve similar results. This optimised use of plastic makes Whisper the sustainable solution.

\*See Designing Quality Learning Spaces -Acoustics written by the Ministry of Education for recommended Reverberation Times

## Is Whisper SAFE?

With the following features, using Stratocell Whisper® is the SAFE way to improve classroom acoustic healthcare.

Whisper is PROVEN in pool environments and gymnasiums, with tough ball impact, and water-resistant performance providing a durable outcome.



### Low particle emissions

Stratocell Whisper passes the stringent Danish Test of indoor climate with 'low' particle emissions status. Whisper is SAFE with low VOC emissions, no formaldehyde and no corrosive outgassing in Oddy Testing. Whisper does not support mould growth and does not contain or break down into food sources.



### Fibre free & Moisture Resistant

Whisper is free of irritating fibers and can be washed clean without pilling. Whisper is resistant to detergents, quaternary ammonia compounds, and accelerated hydrogen peroxides used as hospital grade virucides. Whisper demonstrably maintains acoustic absorption after EN 12088 standardized 28-day moisture testing,



### Fire Retardant

Whisper FR passes the fire compliance ISO 9705: 1993 Classification: Group 1-S  
Smoke Production Rate: <math>< 5.0\text{m}^2/\text{s}</math>  
As required by NZBC C/VM2  
AS ISO 9705 - 2003 Classification:  
Group 1  
(SMOGRA RC): <math>< 100\text{m}^2/\text{s}^2</math>  
As required by BCA C1.10  
EN13501-1:2007  
Class B S1 D0 (25mm)



### Sustainable & Lightweight

When manufacturing Whisper® we focus on minimising the amount of materials used for a high performing durable acoustic solution. Its lightweight nature is proof that minimum resources are used for maximised acoustic performance. At the end of its life Whisper can be recycled in New Zealand through Sealed Air's smart life program.



### Easy to install

Whisper is safe & cheap to install. If you can use a breadknife, and double-sided tape, it's a breeze to lower installation costs through DIY or volunteer installation. Whisper is easily removed for maintenance, and then fixed again with new tape.



## Success story: Pukekohe Child-Care Centre, New Zealand

"Recently we built a new classroom for our older children which is awesome! But after being in there for a few days we found that sounds bouncing off the walls were really beginning to challenge us. This is when we decided to test out a new product called Whisper."



"Within a few days of ordering this product it arrived ready for installation. Two teachers (with very minimal building experience) were able to apply the tape onto the boards and stick them to our ceiling. From the moment the first sheet went up we noticed the difference, and now with two sheets absorbing the excess sounds we can play music, laugh and enjoy everyday chatter in our 8x4 metre room with 20 plus little people busily working inside."

"This product was one of the best investments that we have made, and I would highly recommend this product to any school or childcare centre looking to reduce noise levels within their environment."

-Kerryn Smith (Centre Supervisor)

## Success story: Reremoana School, New Zealand

"We had two art/wet areas in our schools that were too noisy to teach in. Whisper was installed on the walls and we now have spaces that are comfortable spaces for teaching and learning. Staff have no problems teaching in these spaces now, even with noisy activities."



"One space is currently used for physical activities with our 5-year olds (and they are never quiet!) and one is often used by our piano tutor for teaching. Not only do the teachers using these spaces have no issues but the noise created in these spaces no longer interrupts the learning and teaching of the adjoining spaces."

-Julie Cowan (Principal)

Stratocell Whisper® comes in Acoustic Starter Kit for easy DIY Installation.

### Specifications:

(Wall and ceiling) treatment shall be Stratocell Whisper® FR 25mm acoustic foam manufactured by Sealed Air.

Pack includes	5 x 25mm x 1.2m x 2.4m Whisper sheets (charcoal or white) 3 rolls of Danco 6657 Whisper Tape 1 set of installation instructions
Fire Rating	Group 1-S BRANZ tested to ISO 9705
NRC	0.75 with no air gap required (rough side)
Weight	650g / m <sup>2</sup>
Recyclability	New Zealand local

For more information and specs, refer to the Stratocell Whisper brochure

### For more information contact:

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