



High performance acoustic absorber and fully functioning noticeboard

Uniclass L68161:G332/3	EPIC F851
CI/SfB (4-)	R (P3)

SRS Sonata Memo absorbers are a practical and cost effective way of controlling reverberation.



Tudhoe Moor Nursery School, Spennymoor

**SONATA VARIO PANELS ARE SUITABLE FOR:**

- School Halls
- Classrooms
- Canteen / Dining Rooms
- Sports Halls / Gyms
- Village / Community Halls
- Church Halls
- Restaurants / Bars
- Scout / Guide Huts
- Video / Audio Conferencing Rooms
- Open Plan Offices...plus many others.



Barnsley Council



HIGH PERFORMANCE SOUND ABSORPTION SOLUTION FOR WALLS AND CEILINGS

T: +44 (0)1204 380074  
E: [info@soundreduction.co.uk](mailto:info@soundreduction.co.uk)  
F: +44 (0)1204 380957  
[www.soundreduction.co.uk](http://www.soundreduction.co.uk)



## THE PROBLEM:

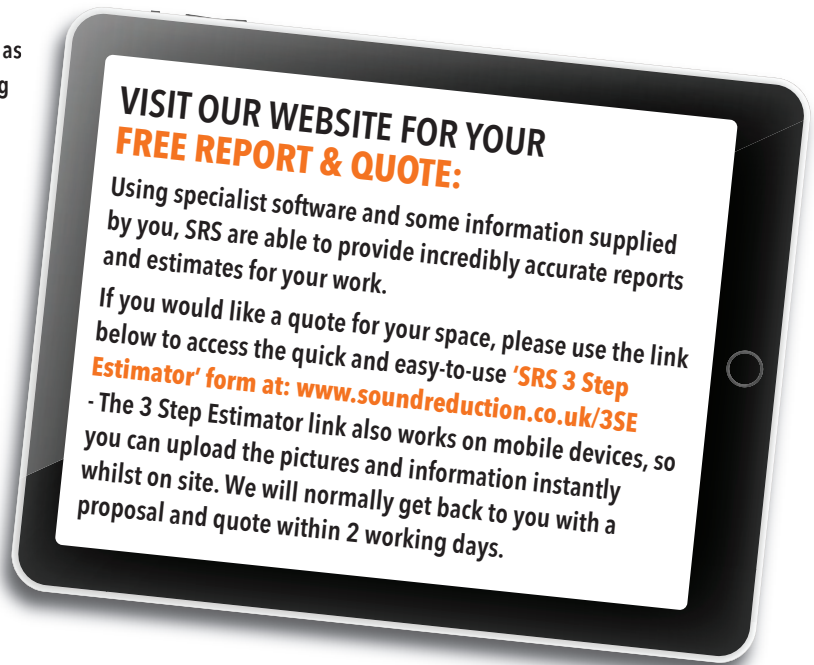
Large, open spaces often suffer from poor room acoustics. This manifests itself as reverberation and echo, creating unwelcome levels of noise, seriously affecting speech intelligibility, and making verbal communication difficult. In short, it makes for an unpleasant environment to spend time in, whether for work, leisure, or learning.

## THE SOLUTION:

Sonata Memo panels are an incredibly efficient way to introduce a high performance, absorptive material to any space whilst maintaining wall space for displays and notices. The panels comprise a technical, non-shedding, acoustic foam, a rigid frame insert to the rear and a Sonatile sound absorbing facing material, able to take pins and tacks directly. Easily and quickly installed, Sonata Memo panels are simply flush mounted to walls on screw heads. Alternatively, Sonata Memo panels can be installed on wall mounting brackets to enhance acoustic performance, give a clearance over obstructions, or to create a stunning visual effect. The product is available in a wide range of colours and sizes to accommodate any existing wall.

## PRODUCT BENEFITS:

- Sonatile sound absorbing facing is pin, Velcro and staple friendly
- Acoustic foam core offers Sonata Vario-level sound absorption capability
- Acoustic performance is boosted when fitted on wall brackets via the rear airspace
- Simple to install and remove for decoration, access or relocation
- Overcomes surface obstructions i.e. trunking when installed on wall brackets
- Available in a choice of sizes and visually pleasing colour combinations



## FREE ACOUSTIC ADVICE, DESIGN AND SPECIFICATION FOR ALL UK SCHOOLS

We offer our industry-leading knowledge and experience **free of charge** to help guide you to the best solution for your school, whether it is for BB93 compliance or just to improve the acoustics within your teaching environment.

For a free consultation, please call **01204 380 074**, e-mail **bb93@soundreduction.co.uk** or apply via the website, **www.soundreduction.co.uk**

*"The immediate feedback from the yoga group leader was 'Its brilliant!' - and other groups have commented that the sound quality is now 'like being in a Cinema.'"*

Hall Spokesperson  
MONK FRYSTON HALL

## OTHER PRODUCTS IN THE SONATA RANGE:

NB full installation details for all Sonata products are available on request.



{ High performance, decorative bonded absorbers



{ High performance, decorative raft absorbers

HIGH PERFORMANCE SOUND ABSORPTION SOLUTION FOR WALLS AND CEILINGS

T: +44 (0)1204 380074  
E: [info@soundreduction.co.uk](mailto:info@soundreduction.co.uk)  
F: +44 (0)1204 380957  
[www.soundreduction.co.uk](http://www.soundreduction.co.uk)





## INSTALLATION

The Sonata memo acoustic noticeboards are designed for direct fitting to flat walls. Please see the **Sonata Memo installation Guidance Datasheet** for further information.

## FIXING ACCESSORIES

Memo panels each have 4 no. "keyhole" cutouts in the rear of the frame; panels simply locate over suitable wall-fixing screwheads, or in the case of fitting to the wall brackets, onto their locating "buttons".

## STANDARD FINISHES

The Sonatile face finish is available in a range of colours. Colour swatch available on request. Frame and bracket finish: Polyester powder coated finish in any RAL colour. Grey semi-gloss as standard, other colours on request.

## DIMENSIONS/WEIGHTS

Bespoke sizes can be manufactured on request.

1200 x 1200 x 50mm - 9.50 Kg per panel

1200 x 1000 x 50mm - 8.30 Kg per panel

1200 x 800 x 50mm - 6.00 Kg per panel

1200 x 600 x 50mm - 4.35 Kg per panel

600 x 600 x 50mm - 3.80 Kg per panel

600 x 500 x 50mm - 3.00 Kg per panel

Large Mounting Brackets - 1.30 Kg per pair

Small Mounting Brackets - 0.60 Kg per pair

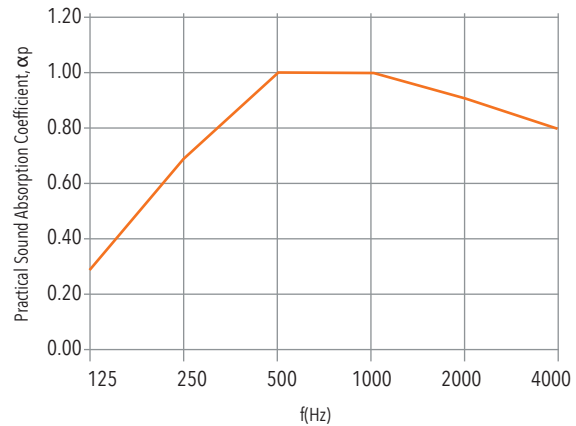
## FIRE PERFORMANCE

The foam core meets the Class 0 requirements of the building regulations when tested to BS476 Part 6 1981 and Part 7 1987.

The Sonatile face finish meets the requirements of Class 1 Surface Spread of Flame when tested to BS476: Part 7: 1987. The composite absorbers have not been tested.

## ACOUSTIC PERFORMANCE

Frequency (Hz)	$\alpha_p$
125	0.30
250	0.70
500	1.00
1000	1.00
2000	0.90
4000	0.80



Absorber Type	Absorber Thickness	$\alpha_w$	Absorber Class
Sonata Memo	50mm	0.90	Class A

Test reference number: 780-715 Date: 28/06/2012.  
University of Salford Acoustic Test Laboratory.  
Tested to BS EN ISO 354:2003 and rated to BS EN ISO 11654:1997.



A combination of Sonata Memo noticeboards and suspended Sonata Vario absorbers improving the acoustics at Brownhill Primary School.

## HANDLING, CARE AND MAINTENANCE

Sonata Memo absorbers of standard stock sizes are packed in protective recyclable cartons and placed face-to-face for added protection. The cartons can be stacked up to a suggested maximum of 15No. high or stood upright to a maximum 2 high. Sonata Memo absorbers are for indoor use only; they should always be kept dry. Due care should be taken when handling the absorbers to avoid soiling the fabric finish.

The absorbers can be cleaned periodically by vacuuming on a low suction setting using a clean vacuum head or suitable interleaf (clean, thin fabric bag over the head). For cleaning of stains please contact us for further guidance.

## TESTIMONIALS & EXAMPLES

*"We can hear one another all around the table!!  
They also look good - very unobtrusive - good"*

*"As a hearing aid wearer it is very much better"*

*"Brilliant - thank you"*

*"One word - excellent."*

*"Much better"*

*"No echo today - much better - thanks"*

*"It's amazing - well done"*

*"Unbelievable - incredible difference. Well worth the cost"*

*"A definite improvement - even with hearing aids."*

*"Excellent - much easier to hear each other"*

*"Wonderful to be able to hear someone speaking on the other side of the table. It means everyone feels part of conversations"*

General Feedback  
LLANFYND & FRITH COMMUNITY CENTRE



Llanfynydd & Frith Community Centre

*"We were delighted with the installation of the Sonata panels at the hall on Tuesday and are already receiving positive feedback about the difference they're making."*

Hall Chairperson  
RUDFORD & HIGHLEADON VILLAGE HALL



Oxford University



Oxhill primary School, Durham



Sound Reduction Systems Ltd  
Adam Street,  
Bolton, BL3 2AP

T: +44 (0)1204 380074  
E: [info@soundreduction.co.uk](mailto:info@soundreduction.co.uk)  
F: +44 (0)1204 380957

[www.soundreduction.co.uk](http://www.soundreduction.co.uk)