

SCHOOLSORBA™

Acoustic Wall Lining System



DURABLE AND FLEXIBLE SOUND ABSORPTION

SCHOOLSORBA™ acoustic wall lining is an extremely durable sound absorber.

Benefitting from low weight and a thin lining that can be used to cover whole walls, and also makes for easy installation.

This product can be used on walls in classrooms, school corridors, police stations, offices and cinemas.

The introduction of colours gives options for designers to create feature walls.

SCHOOLSORBA™

Acoustic Wall Lining System

SCHOOLSORBA is an exceptional sound absorber at high frequencies, for example absorbing 80% of sound at 2kHz. It can assist in the reduction of noise in classrooms, to improve the teaching and learning experience, generally enhancing the acoustics within the room.

This product is a non-woven, durable, high density polyester construction.

Available in:

- Roll version
- Tile version

Interesting and unique design features/patterns can be created with both options.

SCHOOLSORBA is excellent where minimal thickness (10mm) is a necessity, and also allows walls to be covered whilst the ceiling remains exposed.

This can also be used as display pin boards, making it perfect for classrooms and also offices.

SCHOOLSORBA is extremely durable and meets the BS476: Part 7 for fire safety.

The sound absorption qualities displayed are as a result of the unique non woven high density polyester construction. The product is easy to install. The multiple colours and functionality makes it the right choice for decorating classrooms, corridors, music rooms, dining rooms, computer rooms and many other walls in the education sector, as well as offices.

PRODUCT ADVANTAGES

- Can be used to cover walls like wallpaper or tiles
- Is highly durable and features proven cleaning methods
- Ideal where minimal thickness is required as it is 10mm thick
- Can be used on large curved surfaces
- Walls can be seamlessly lined using the roll option
- Many possible designs can be created using this product
- Available in 10 colours that can be mixed on wall to give stunning visual effect
- Can be used in corridors in schools as an alternative to ceiling tiles to reduce the reverberation time in corridors
- Different shade effects can be obtained by installing tiles with arrows in different directions



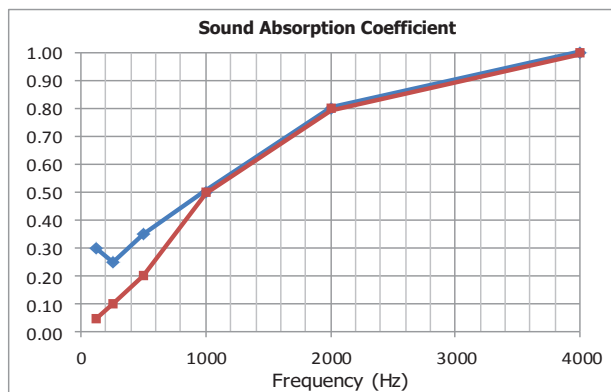
NOMINAL DIMENSIONS: 9 – 10mm (+/- 2mm) thick

Roll Version: 1.0m wide x 25m long

Tile Version: 500 x 500mm

FIRE: The panels are BS 476 Part 7 Class 1Y fire rated

WEIGHT: Nominal 1.6kg/m²



◆ Schoolsorba direct fixed to stud wall
■ Schoolsorba direct fixed to masonry wall

Frequency (Hz)	125	250	500	1000	2000	4000
Schoolsorba direct fixed to stud wall	0.30	0.25	0.35	0.50	0.80	1.00
Schoolsorba direct fixed to masonry wall	0.05	0.10	0.20	0.50	0.80	1.00

ACOUSTIC RATING: Class D absorber

NOISE REDUCTION COEFFICIENT: 45% Direct fixed to stud wall (NRC: 0.45)

NOISE REDUCTION COEFFICIENT: 40% Direct fixed to masonry wall (NRC: 0.40)

Every endeavour has been made to ensure that the information given herein is true and reliable but is only given for guidance. The company cannot accept any responsibility for loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability by their own tests. All panels are manufactured to our standard dimensional tolerances of +/- 2.0 mm.

SCHOOLSORBA™

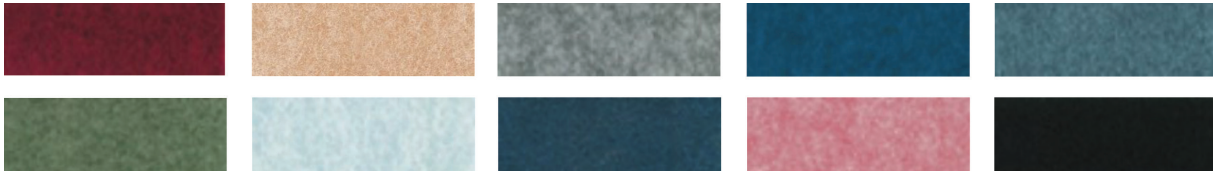
Acoustic Wall Lining System

SOME AREAS OF APPLICATION

- Classroom Walls
- Lecture Theatres
- Computer Rooms
- Cinemas
- School/Nursery
- Hallways
- Libraries
- Music Rooms
- Prison
- Telephone Call Centres
- Corridors
- Staff Rooms
- Studios
- Police Interview Rooms
- Offices
- Meeting Rooms
- Dining Rooms
- Atria

CLEANING & MAINTENANCE

Schoolsorba can be cleaned. Maintenance information available upon request.

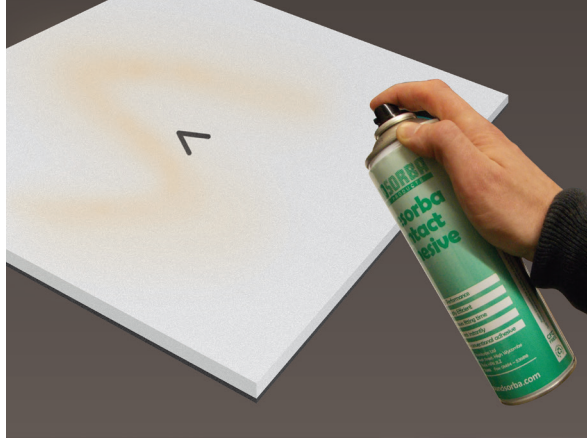


SCHOOLSORBA™

Acoustic Wall Lining System

INSTALLATION METHODS

SCHOOLSORBA Acoustic Wall Lining is easily installed from roll/tile material. The product is installed lengthways down the chosen sector with each panel butting closely to its neighbour.



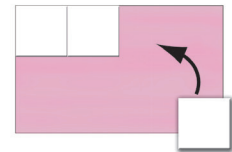
Step 1: Spray glue on back of roll/tile



Step 2: Cover whole roll/tile



Step 3: Spray glue on backing wall surface



Step 4: Bond roll/tile to wall.

Gluesorba contact adhesive is a quick spray-on application which comes ready to use in 500ml spray cans. The lining and adhesive must be kept and stored inside at room temperature at all times and acclimatised in the area where they are to be used for 24 hours before installation. The roll/tile is adhered to the backing surface using a butt joint effect. To avoid soiling the roll/tile, white cotton gloves should be worn when handling them. The backing surface must be clean, flat, level, dry, solid and free from dust, oil, grease and other similar residue which may affect the adhesion. We recommend that the contact adhesive is applied at room temperature of approximately 21°C and in well ventilated conditions.

The contact adhesive has to be applied to both the tile/roll and wall surface in a web type pattern. The adhesive should be held 150 - 300mm away from the surface at a constant 90 degree angle. To avoid overspray onto the edges of the roll/tile or other surfaces, it may be necessary to mask any vulnerable areas. We recommend a test adhesion is carried out to full satisfaction, before proceeding with the full installation. Glue coverage should be 100%.

A primer coat should be applied on the product and wall, then a second coat should be applied a minute after. Ensure that all the edges are well covered. The tile and wall surfaces should be fully coated and allowed to dry for 2 – 3 minutes before bonding the surfaces together. The tiles should be placed accurately into position as the adhesive creates an immediate bond upon contact. Once the tile is in place it should be pressed firmly to ensure overall contact. Ensure that the tiles are pushed into to the next, so they form a tight butt joint.

The roll should be installed with a similar method, covering an area of the wall and roll with a primer coat, and then applying a second coat ensuring that the edges are well covered. Leave to dry for 2 – 3 minutes, and then press the surfaces together. This would then be carried out again with the next section of roll.

A sharp Stanley knife can be used to cut the roll/tiles.

We recommend installing these tiles with the arrows pointing up. If the tiles are fitted with arrows in different directions, colour variances will occur. This can be used to make different design effects.

The rolls require at least 2 people to install, and the tile needs 1 person.

GUIDE SPECIFICATION

A. General

1. All SCHOOLSORBA Acoustic Lining System should be installed in accordance with manufacturer's instructions.
2. The contractor shall be responsible for the examination and acceptance of all surfaces and conditions, and project suitability prior to the acoustic tile installation.

B. Product

1. Install SCHOOLSORBA ACOUSTIC WALL LINING SYSTEM as either roll* / tile* version.
2. Colour:

* Delete as applicable

C. Supplier

1. SCHOOLSORBA Acoustic Wall Lining System as supplied by Soundsorba Ltd.
27-29 Desborough Street, High Wycombe, Bucks HP11 2LZ UK
TEL: +44 (0) 1494 536888 FAX: +44 (0) 1494 536818
EMAIL: info@soundsorba.com www.soundsorba.com

SCHOOLSORBA - Acoustic Wall Lining System is distributed by:

Prices and Conditions of Sale

Our standard terms and conditions (copy available on request) apply to all orders. Since Soundsorba Limited exercise no control over the use of its products, no legal responsibility is accepted for any application of their products. We reserve the right to change specifications without notice as our policy is one of continuous improvement.
Copyright Soundsorba Limited 2016.