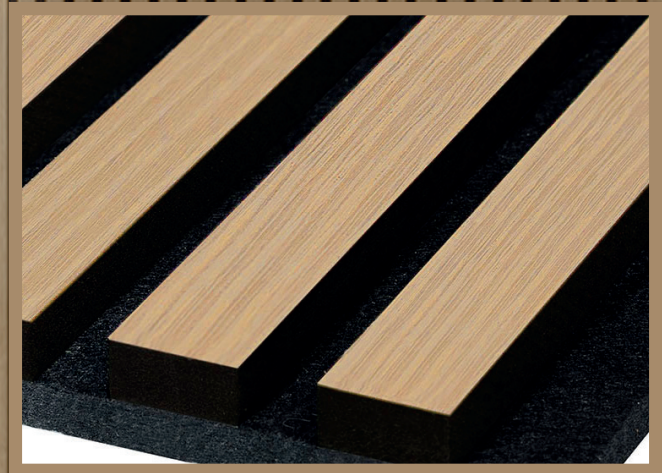


SOUNDSORBA®

ACOUSTIC PRODUCTS

SLATSORBA®



Timber Slat Acoustic Panels

Developed as a beautiful and simple echo reduction solution, SLATSORBA® combines the sound absorption properties of PET boards with the attractive appearance of wood veneers.

Suitable for use on both walls and ceilings, SLATSORBA® panels can be used in offices, classrooms, auditoriums, and even at home in your lounge or bedroom.

SLATSORBA® Timber Slat Acoustic Panels

SLATSORBA® acoustic panels are ecologically friendly and naturally aesthetic panels used to reduce echo and reverberant noise levels inside buildings.

With various colour choices and easy installation, the potential uses are endless.

ECO-FRIENDLY Every day approximately 8 million pieces of **plastic** pollution find their way into our oceans. There may now be around 5.25 trillion macro and microplastic pieces floating in the open ocean. Weighing up to 269,000 tonnes, **plastics** consistently make up 60 to 90% of all marine debris studied.

We are devoted to helping reduce the impact single use plastics have on the environment by manufacturing these into our products.

Application

SLATSORBA® panels are suitable for almost any application, from schools and offices to theatres and commercial buildings, right down to personal residential use. Due to their robustness the panels can even be used in workshops.

Building Bulletin 93 (BB93) requirements for noise reverberation time can be met by fitting the appropriate amount of **SLATSORBA®** panels.

Manufacture and Sustainability

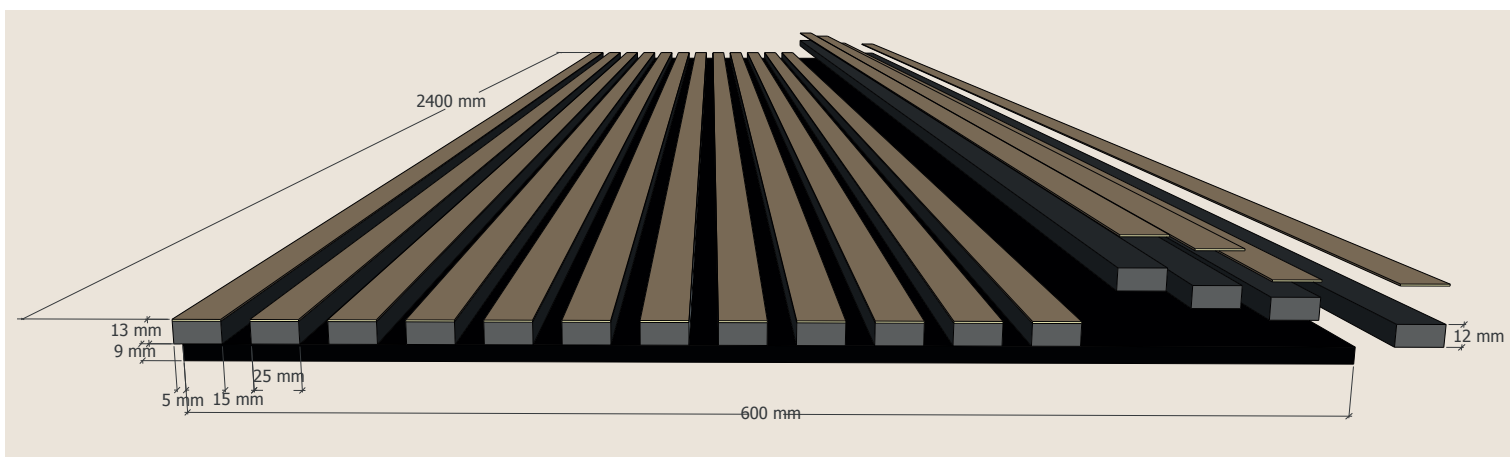
SLATSORBA® panels consist of a 9mm thick Polyester PET base panel, and 25mm wide by 13mm deep wooden slats which are constructed from MDF with an engineered wood veneer finish.

The PET base is made from 60% recycled plastic bottles, and all our wood veneers are sustainably sourced.



OILED OAK

Panel Dimensions



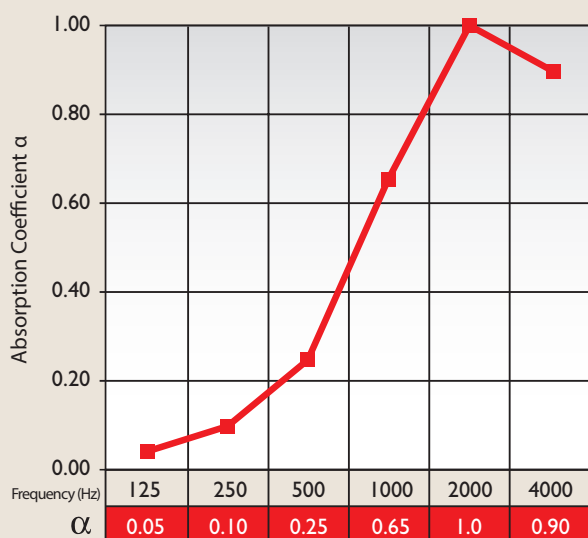
SLATSORBA® Timber Slat Acoustic Panels

Acoustic Performance :)))

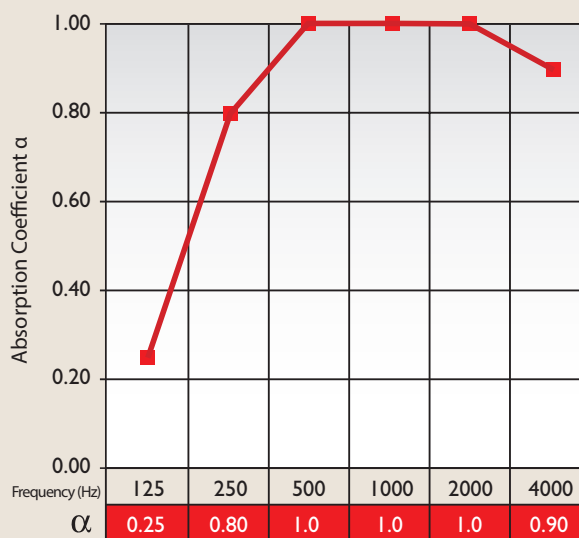
SLATSORBA® - Sound Absorption Coefficient

Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Absorption Class	
Direct-Fix	0.05	0.10	0.25	0.65	1.00	0.90	0.58		Class D
With 40mm Airgap	0.25	0.80	1.00	1.00	1.00	0.90	0.94		Class A

**Direct Fix
Frequency/Absorption
Chart**



**40mm Airgap
Frequency/Absorption
Chart**



Fire Resistance

Polyester backing panel is tested to EN 13501-1 Class B-s1, d0
MDF timber slats are non fire-rated as standard.
On request – MDF timber slats can be provided rated to EN 13501-1 Class C-s1, d0



Weight

Nominal weight is 9kg/m²



Cleaning

Vacuum clean periodically. Light dirt marks can be removed using a damp cloth. Cleaning agents can be used but must be non-abrasive and suitable for use with wood veneers. A small area should be tested first before cleaning the rest of the panel.

TIMBER VENEER FINISHES

Available in 5 colours



Light oak



Smoked oak



Oiled oak



Walnut



Grey oak

Other colours are available on request.

Colour samples are available on request.

Colours shown in brochure may differ from real life appearance.

The PET backing panel comes in black as standard.

Other colours are available on request.



GREY OAK



LIGHT OAK

SLATSORBA® Timber Slat Acoustic Panels



SMOKED OAK



LIGHT OAK

SLATSORBA® Timber Slat Acoustic Panels

Storage SLATSORBA® panels are part of the final interior lining and installation should therefore only be carried out under controlled humidity and temperature conditions. All dust causing measures must be completed before starting the installation. The panels should be acclimatised for 48 hours prior to installation.

Store the panels flat and protect against moisture and dirt. The panels must be kept dry and should be stacked clear of the floor, and care must be taken not to damage the edges or the veneered surface of the board.

The packaging does not protect the product against rain. The panels are not resistant to dirt or prolonged effects of water such as rain, condensation, and ground moisture.

CUTTING

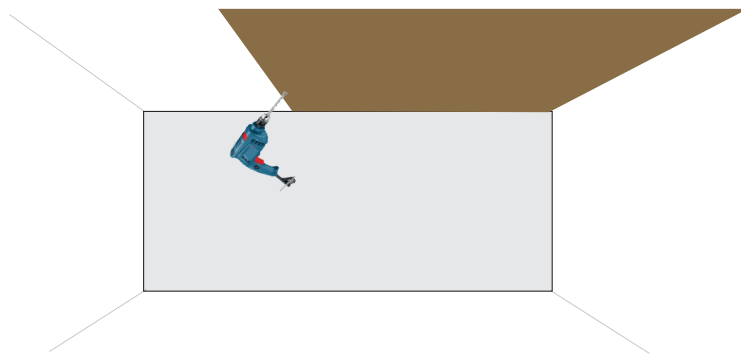
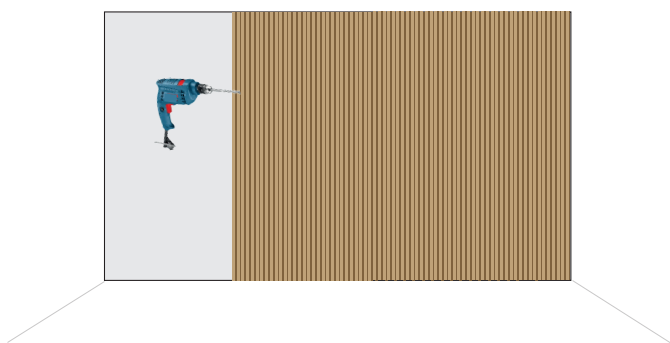
The SLATSORBA® panels can be easily cut down or have apertures formed for electrical sockets, light switches, etc. A circular saw should be used where possible but if not available a hand saw can also be used.

Wherever raw edges are created by cutting panels, such as internal/external corners or around windows, an L-shaped timber beading or trim can be applied to create a neat finish.

STEP-BY-STEP FIXING GUIDE (DIRECT FIXING).

- 1 Before starting installation, check substrate base for sufficient load bearing capacity. Backing substrate should be flat and level and clear of any dirt, screws, nails and other existing fixtures.
- 2 Lightly mark the panel location on the desired wall or ceiling area.
- 3 Lift the first panel into position and drill screws (35mm recommended) through the polyester and into the wall/ceiling. 16 screws should be used per panel.
- 4 Repeat for the next adjacent panel until all panels are in place. Note that if a panel requires cutting this must be done before fixing the panel to the wall/ceiling.

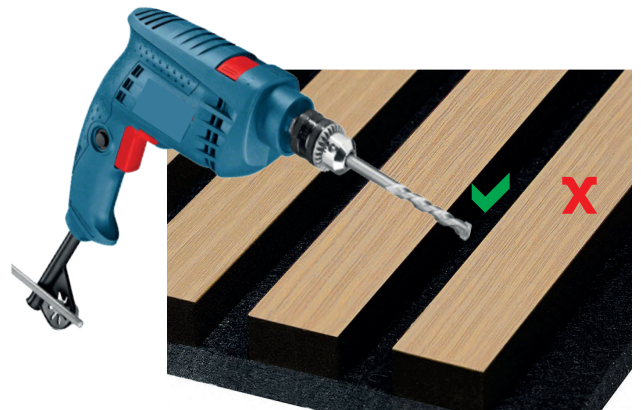
DIRECT FIXING



SLATSORBA® Timber Slat Acoustic Panels

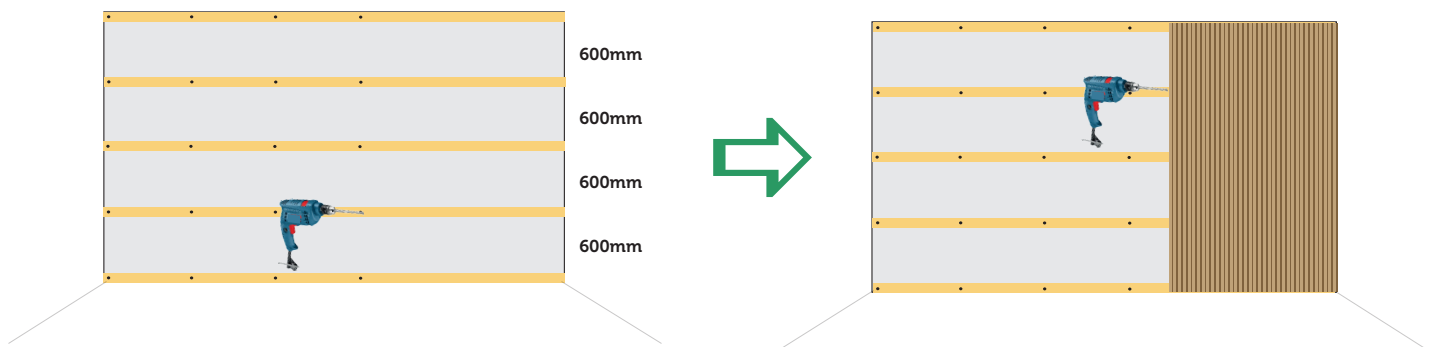
STEP-BY-STEP FIXING GUIDE (BATTEN FIXING)

- 1** Before starting installation, check substrate base for sufficient load bearing capacity. Backing substrate should be flat and level and clear of any dirt, screws, nails and other existing fixtures.
- 2** Plug and screw timber battens to wall or ceiling at 600mm centres. Thickness of battens should be 40mm and width should be a minimum of 30mm.
- 3** Lift the first panel into position and drill screws (35mm recommended) through the polyester and into the battens. 16 screws should be used per panel.
- 4** Repeat for the next adjacent panel until all panels are in place. Note that if a panel requires cutting this must be done before fixing the panel to the wall/ceiling.

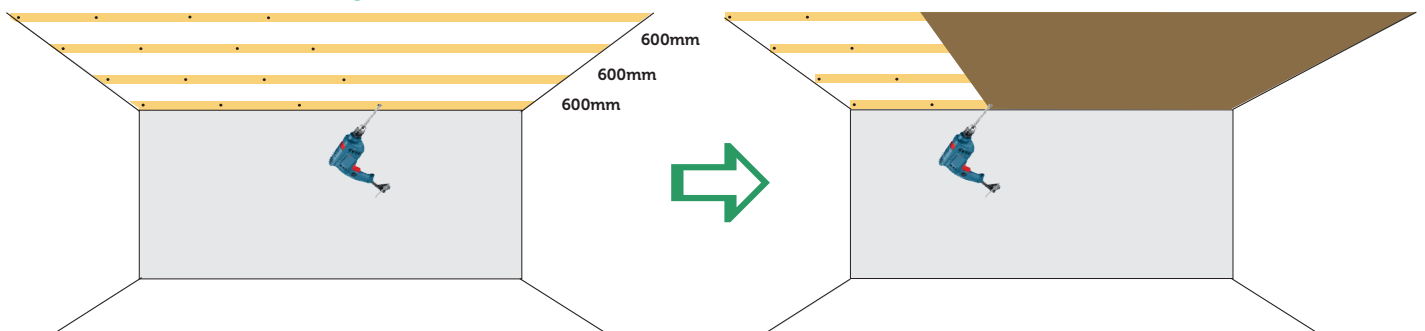


Drill into Sound absorbing polyester panels, and not the timber slat

BATTEN FIXING



BATTEN FIXING





SMOKED OAK



CUSTOM BLACK OAK

GUIDE SPECIFICATION

A. General

1. All SLATSORBA® panels should be installed in accordance with the manufacturer's recommendations.
2. All necessary hardware and accessories for a complete job installation are to be furnished by the contractor.
3. Installation of panels should not begin until all wet work, such as plastering, concrete etc. is completely dry. The panels are designed for storage and installation under standard occupancy conditions from 10°C to 20°C and not more than 75% R.H. in an enclosed building.
4. The contractor shall be responsible for the examination and acceptance of all surfaces and conditions prior to the acoustical panel installation.
5. The panels should be acclimatised to the room where they are to be installed for 48 hours prior as they include natural wood products and are therefore susceptible to moisture.

B. Product

1. Install SLATSORBA® panels using screws as recommended in the manufacturer's installation instructions. Panel size: 2400 x 600 x 22mm
2. 9mm polyester PET sound absorbing backing colour: Black
3. Timber slat veneer finish: Light Oak / Smoked Oak / Oiled Oak / Grey Oak / Walnut

C. Supplier

1. SLATSORBA® Acoustic Panel Systems as supplied by Soundsorba Ltd.
27-29 Desborough Street, High Wycombe, Bucks HP11 2LZ UK
TEL: +44 (0) 1494 536888 EMAIL: info@soundsorba.com
www.soundsorba.com

SLATSORBA® Timber Slat Acoustic Panel System:

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.
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