

Absorb-R SofTone



Datasheet



Absorb-R SofTone

Product Description

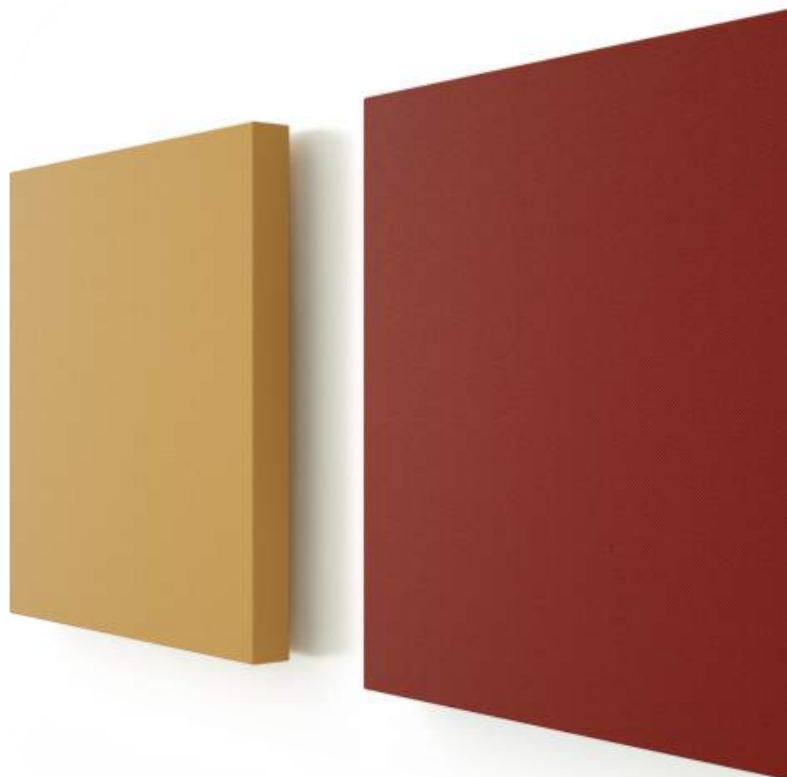
Absorb-R SofTone is a single-sided sound absorbing panel upholstered in fabric, which is primarily installed on the wall however can also be installed on the ceiling with bespoke safety fitments. Efficient LED back lighting systems can be included upon request. This panel system has a High-Impact variant and a wall liner variant and can also be printed on with bespoke artwork.

The name **SofTone** evokes the functionality of the product. Absorb-R SofTone acoustic wall panels improve acoustic absorption by reducing reverberation and background noises, providing great psychophysical benefits for users.

Our innovative and complete solution can be adapted to a wide range of rooms, from office space to conference halls, auditoria, theatres and recreational educational areas. Lighting fixtures have been specifically designed to support and integrate into the sound absorbing system. The Absorb-R SofTone fabric acoustic-panels are constructed using a superior grade high density glass fibre board for optimal sound absorption and extensive resistance to fire. Applications include ceiling and wall mounted acoustic panels, baffles and clouds. All of our **Class "A"** panels are made to order and finished with hardened edges. This ensures no loss of shape over time and removes the risk of damage during transport and installation.

The internal sound-absorbing material is manufactured in two thicknesses 25mm to 40mm and are available with a range of acoustically transparent fabrics. These fabrics offer a wide range of colours to both **Class '1' & Class '0'** BS476: Part 6 & Part 7 surface spread of flame.

Our panels have a favourable weight/surface ratio essential for easy installation. SofTone panels can easily be removed and relocated if need be to carry out regular maintenance work, e.g. painting. Safe and user-friendly fastening systems make installation easy. Our internal sound-absorbing materials undergo repeated production checks to guarantee the highest quality and performance every time.



Applications

Absorb-R SofTone panels are suited for installation in conference halls, classrooms, libraries, restaurants, bars, sports arenas, gymnasias, business areas and offices. Acoustic and lighting comfort options are available to suit every environment thanks to this product's great versatility.

- Leisure Facilities
- Music Studios
- Showrooms
- Learning Areas
- Schools
- Music Venues
- Conference Centres
- Restaurants
- Hotels
- Other

Hotels



Leisure Facilities



Restaurants



Learnings Areas



Conference Centres



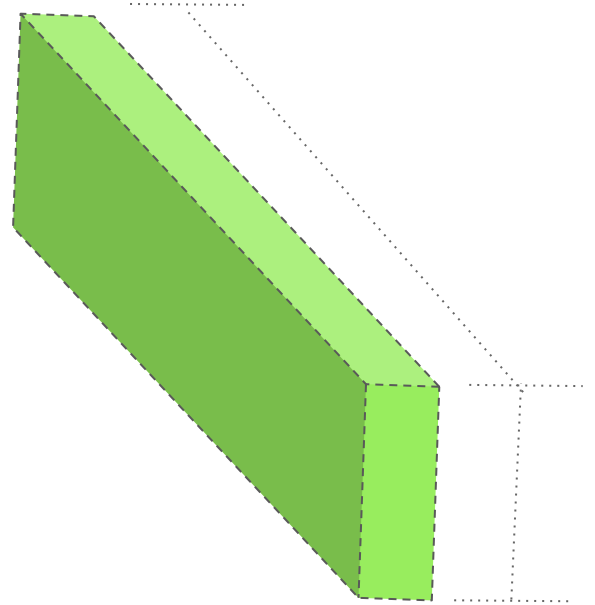
Absorb-R SofTone

Design Your Space

Our experienced team have a wealth of knowledge and can provide consultants, architects and contractors with expert advice on all aspects of reverberation control. We can perform noise surveys and will provide details of anticipated reverberation time improvements to help ensure that the maximum design specifications and performance can be achieved.

Fabric Panel Finish & Colour

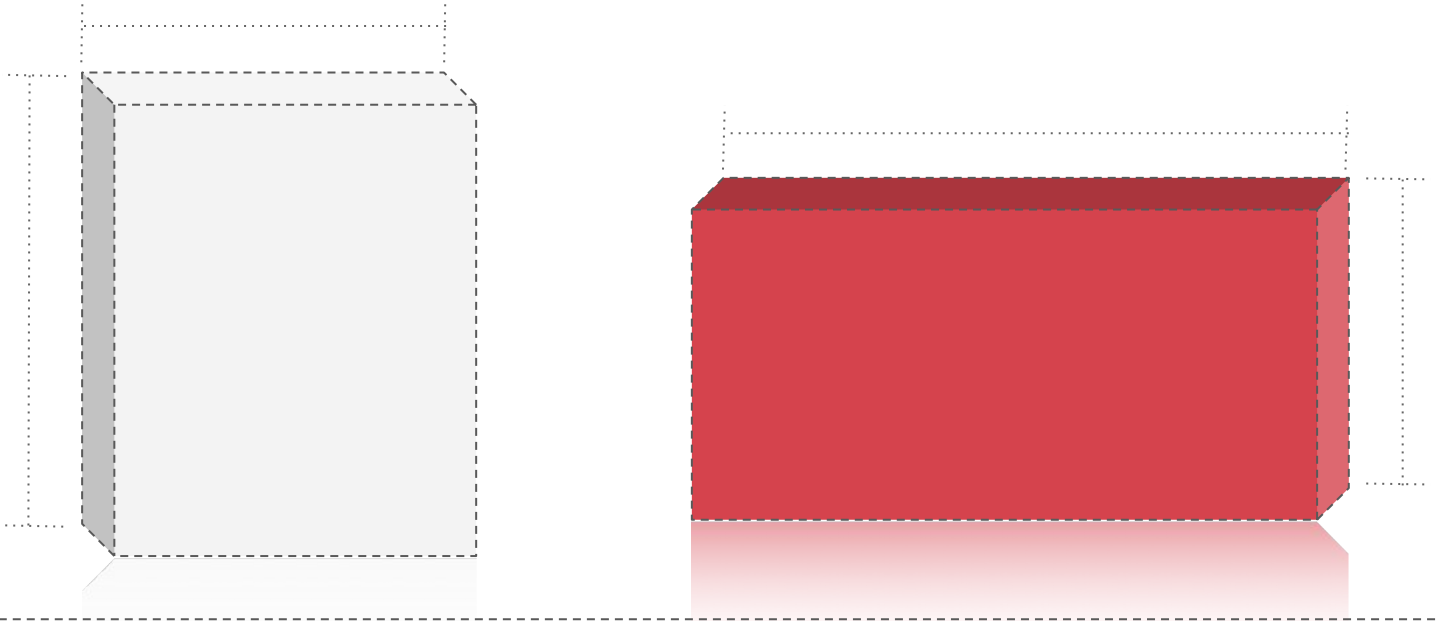
A selection of acoustic fabrics available with a varied choice of colours and textures.



Choose Any
You can even Mix & Match*

LUCIA





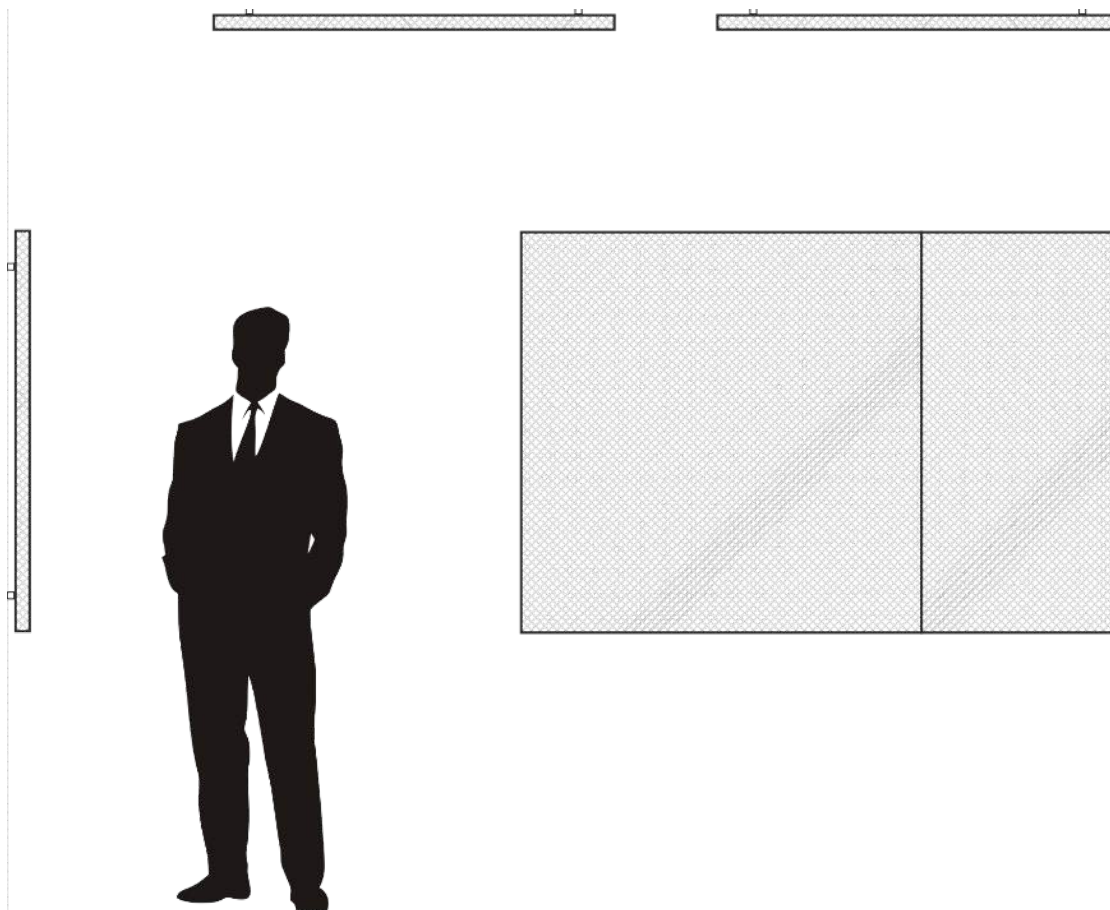
CARA

| | | | | | | | | | |
|----------|----------|---------|---------|-----------|-----------|--------|-----------|---------|-----------|
| Vit | Maree | Beltane | Austen | Lomond | Pitlochry | Lossie | Tummel | Denny | Merrick |
| | | | | | | | | | |
| Portland | Shetland | Clan | Lead | Glass | Chaucer | Spray | Hillswick | Lerwick | Cluanie |
| | | | | | | | | | |
| Adriatic | Dolphin | Galilee | Easdale | Inverness | Black | Staffa | Lora | Carron | Fair Isle |
| | | | | | | | | | |
| Walten | Ronay | | | | | | | | |
| | | | | | | | | | |

*Other colours available upon request**

DISCLAIMER: Note that colours shown on this page offer only an approximation of their actual real-life counterparts. Refer to a certified colour chart for true colour.

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Care and Maintenance

The Absorb-R SofTone panels can be cleaned with a low powered vacuum. Stains can be treated with an appropriate cleaning solution applied in accordance with the manufacturer's instructions. They should never be cleaned using water. A full maintenance manual is available upon request.

Working Temperature

Absorb-R SofTone panels are suitable for use at normal building temperatures.

Fire Performance

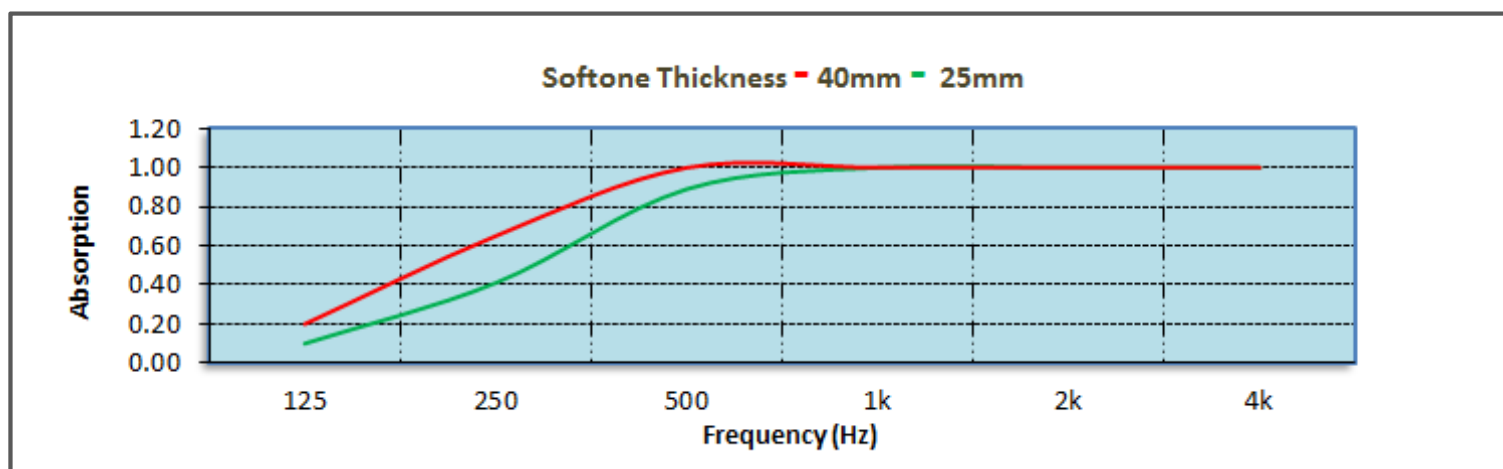
A selection of fabrics available which meet the requirements of BS476: Part 7 Class 1 Surface Spread of Flame. Screen fabrics can be chemically treated to provide a Class '0' fire rating. Core material is a non-combustible.

Availability

Panels are available to order and should be fitted by skilled tradesmen or specialist contractors.

Acoustic Performance Data

| Product Type | Sound Absorption Coefficient (tested in accordance with BS EN ISO 354) | | | | | | | | | (In accordance with BS EN ISO 11654-1997) Building Regulations Absorber Classification |
|----------------|--|------|------|------|------|------|------|------------|------|--|
| | Octave Band (Hz) | | | | | | | | | |
| | Thickness (mm) | 125 | 250 | 500 | 1k | 2k | 4k | α_w | NRC | |
| SofTone Panels | 40 | 0.20 | 0.60 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.90 | A |
| | 25 | 0.10 | 0.41 | 0.89 | 1.00 | 1.00 | 1.00 | 0.70 | 0.83 | C |



Product Weight and Dimensions

| Dimensions | Thickness (mm) | Width (mm) | Nominal Weight of Absorber (Kg) /m ² |
|------------|----------------|------------|---|
| | 25 | 600 & 1200 | 2.90 |
| | 40 | 600 & 1200 | 5.10 |

