



Insulation solutions for heating, cooling and ventilation

High performance engineered acoustic and thermal materials
designed for use in HVAC applications

**GO
BEYOND[®]**

 **SIDERISE[®]**
integrity in all we do

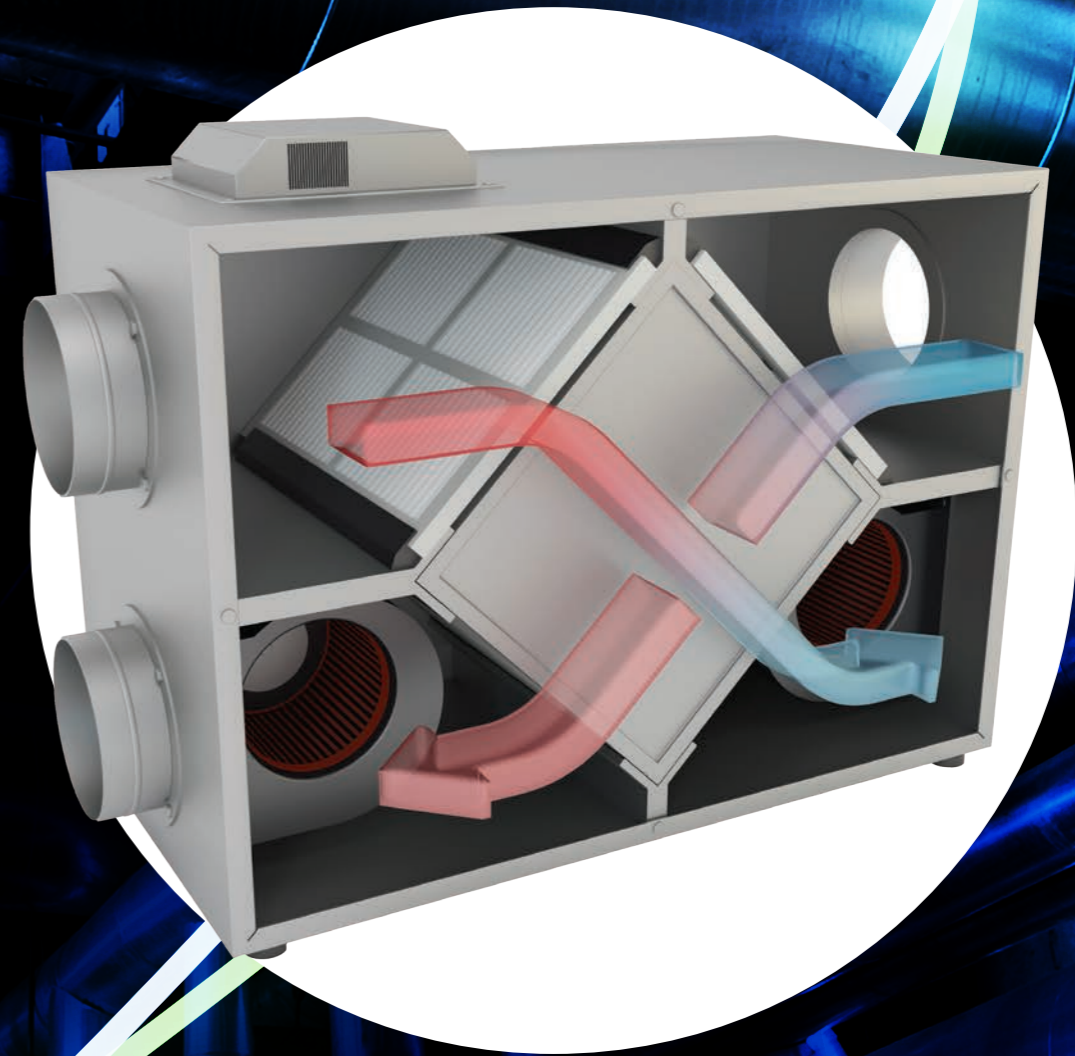
Delivering exceptional acoustic solutions

With over 50 years of expertise, we can deliver exceptional sound reduction performance for building heating, cooling and ventilation elements. We provide insulation solutions for, **Heat Pumps, Fan Coil Units, Chillers, Condensers, AC units, Air Handling Units, Ducts and more.**

These elements are commonly installed in many building types including **Offices, Homes, Healthcare, Education, Retail, Industrial, Leisure & Sports.**

Siderise® products are made from robust materials, and we are always happy to provide customers with bespoke acoustic solutions to suit their needs.

If you have special requirements for your project our HVAC technical team can provide you with acoustic advice so you can ensure that the overall performance criteria for the project is met. You can also enjoy peace of mind knowing that we have tested our insulation to a range of reaction to fire standards to suit different markets.



Noise control - a key factor

There are many downfalls to noise pollution within a working environment. Noise can affect an individuals ability to focus, and may even cause them stress.

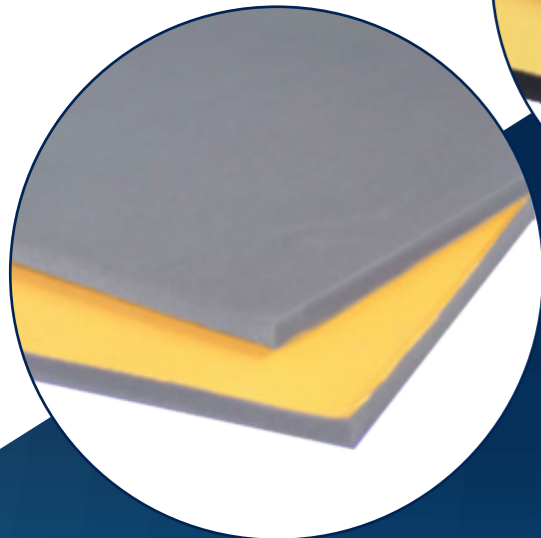
It is important that we embark upon noise control strategies at an early stage of development, in order to achieve a better working enviroment. Whether it be a class room, an office, or at home, sound barriers can better improve privacy for discourse and reduce disturbance from intrusive noise.

Products

Siderise 'A' Foam

Description:

'A' series acoustic foam is a flexible open cell polyether material offering durability and excellent sound absorbing qualities.



Key Features:

- UL94-HF1 & FMVSS.302 reaction to fire performance (self-extinguishing)
- Good broadband sound absorption

Siderise 'V' & 'VE' Foam

Description:

'V' & 'VE' series acoustic foam are a range of flexible open cell materials offering durability and excellent sound absorbing qualities, the 2 primary grades are the standard 'V' Grade and the 'VE' Grade.



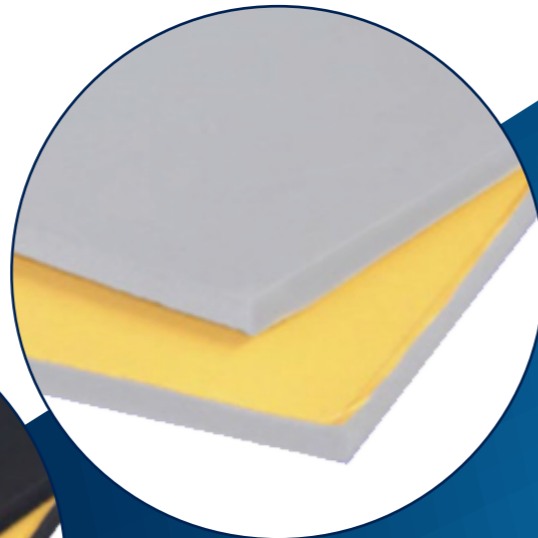
Key Features:

- BS476 Pt 6 & 7 - Class 'O'
- 'VE' EN13501-1 - Classification B
- Good low frequency sound absorption
- Good dampening characteristics

Siderise 'M' & 'MF' Foam

Description:

'M' & 'MF' series acoustic foam are a range of flexible light-weight melamine foam with a fine open cell structure offering excellent sound absorbing qualities. Additional benefits offered by the product include: Fire resistant, excellent thermal insulation properties and an elevated operating temperature.



Key Features:

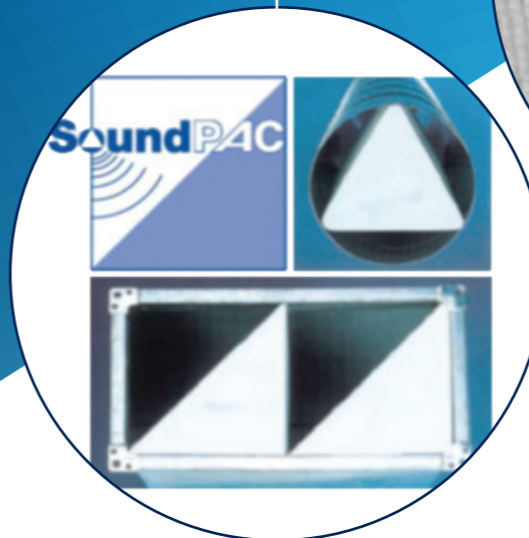
- BS476 Pt 6 & 7- Class 'O'
- EN13501-1 - Classification B
- Light-weight
- Excellent sound absorption
- Excellent thermal insulation

Siderise 'SoundPac'

Description:

'SoundPac' series of acoustic inserts are made from light-weight melamine foam with a fine open cell structure offering excellent sound absorbing qualities.

The product is developed for the control of noise associated with heating, ventilation and air-conditioning ductwork. The inserts are best suited to retro-fit installations where restricted access and/or minimal disruption is a consideration.



Key Features:

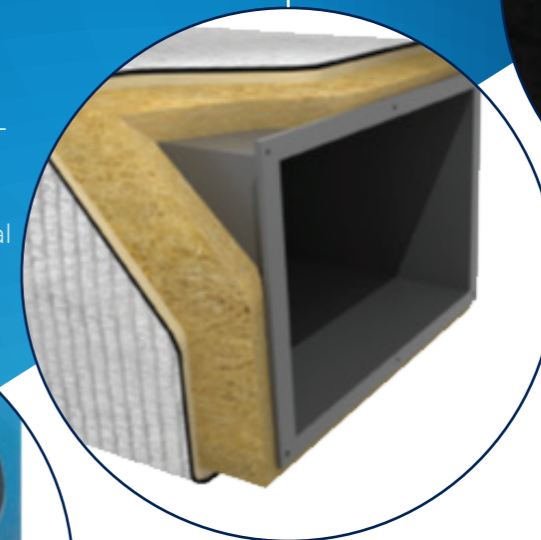
- BS476 Pt 6 & 7- Class 'O'
- Light weight with excellent acoustic absorption
- Non-fibrous
- Flexible and easy to cut
- Dimensionally stable

Siderise 'DWX'

Description:

DWX series acoustic barrier for ductwork is a range of soft flexible mass barrier quilts with 2 choices of spacing layer and 2 weights of the mass membrane.

The product is primarily intended to improve the sound transmission loss of lightweight thin sheet structures. It is particularly suited for use as an external cladding to sheet metal ducts.



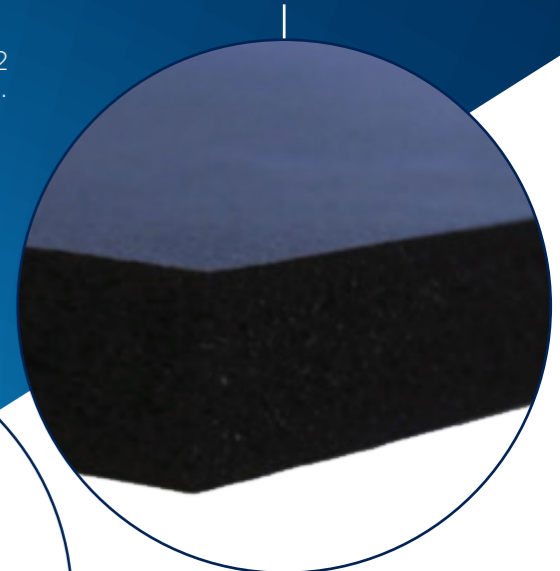
Key Features:

- BS476 Pt 6 & 7- Class 'O'
- High acoustic performance
- Choice of rear spacing layers
- Good dampening characteristics
- Flexible and easy to install

Siderise Lamacell

Description:

Lamacell thermal insulation is a high quality flexible closed cell material offering excellent isolating qualities. Can be used as resilient spacing layer or as fixed gasket.



Key Features:

- BS476 Pt 6 & 7- Class 'O'
- UL94 - VO fire rated
- Built in vapour barrier preventing condensation
- Reduces energy loss by up to 87%
- Excellent resistance to the effects of ozone, oil, chemicals



HVAC Further Details

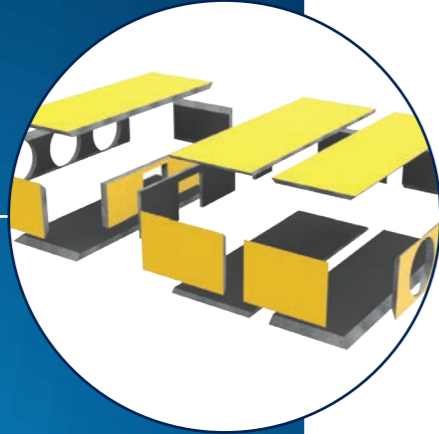
Discover what Siderise can do for you in HVAC.



Composite Materials

Our standard range of foams are available with a pressure-sensitive adhesive backing film to simplify installation. Optionally, the product can be supplied with an extensive range of facing materials.

In addition to our standard range of foams, Siderise can also manufacture bespoke composites made up of acoustically absorbent foams and mass barriers to improve sound insulation further.



Other Services

Our products are normally supplied in sheet or roll form. Where required an in-house cutting service is available for supply to final sizes/shapes using a variety of processing techniques, including die-cutting and CNC cutting.

A full 'kitting' and packing service is available for OEM Supply.



Technical support

For further information, please scan the QR code to contact our technical team, or use the address on the back page.



Email: technical.sspl@siderise.com

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thermal materials...

...designed for use in
HVAC applications.

GO BEYOND[®]

WITH SIDERISE

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acoustic solutions**

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Accreditations:



ISO 9001



ISO 45001



ISO 14001



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