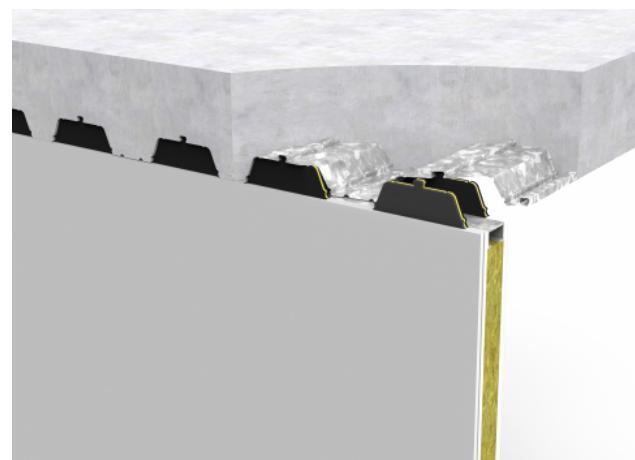


Siderise AVC Acoustic Void Closures for Tops of Walls

A bespoke barrier designed to seal off voids at the top of wall junctions



Application

Siderise AVC acoustic void closures for tops of walls are designed to effectively close small apertures and voids encountered in a wide range of building conditions. They are intended to be compression fitted into an aperture to form an acoustic seal.

Depending on the sound insulation performance required they may be employed singularly or in pairs (fitted either 'back to back' or commonly to each side of a central mineral fibre resilient infill). Examples of use include; top of wall junctions, gaps around service ducts, perimeter heater cases, continuous lighting trays and air diffusers. Whilst often small in area they have the potential to reduce sound transmission.

Product Description

Siderise AVC acoustic void closures for tops of walls are a laminated composite combining outer resilient foam layers with an inner flexible mass barrier membrane. For large deflections the closures can be securely retained top and bottom by metal angle sections. The closures can be supplied precut to the final aperture shape but are also available in strip form (for linear gaps) or in sheet form for site cutting.

Fire Performance

In terms of 'Reaction to Fire', the products are classified to EN 13501-1. See Table 1.

Table 1: Reaction to Fire Performance

Product Ref.	Classification
AVC3	B-s1,d0

Acoustic Performance

The product's acoustic performance is tested in accordance with BS EN ISO 10140-2:2021. Weighted sound reduction index (dB R_w) values for various grades of the product are given below in Table 2.

Table 2: Acoustic performance - Weighted Sound Reduction Index

Product Ref.	Thickness (mm)	Product Surface Weight (kg/m^2)	R_w (dB)	C:Ctr
AVC3	29	12	36	(-1;-4)
AVC3 / LR75.75 / AVC3	133	40	45	(-2;-8)

Technical Specification

Table 3: AVC Product Properties

Properties	Value
Form supplied	Sheets 2000mm x 1200mm or Die-cut to suit profile or cut strips
Colour	Black
Finish	Open cell foam
Thickness	29mm
Surface weight	12kg/ m^2
Density	Nominal 400kg/ m^3
Resistance to fire	None – Acoustic only barrier
Reaction to fire	Class B-s1,d0 to EN 13501-1:2018 - see Table 1

Additional Information Available

Products available

The following Siderise Building Acoustics products are available:

- Siderise ALS acoustic lining slab
- Siderise AVC acoustic void closures for tops of walls
- Siderise BM/P10 series barrier mat
- Siderise CBX flexible acoustic barriers
- Siderise CVB/LAM acoustic barriers for suspended ceilings
- Siderise CVB/P10 acoustic barriers for suspended ceilings and raised access floors
- Siderise FIP façade interface panel
- Siderise FLX foam based flexible acoustic barriers
- Siderise MC mullion cover

- Siderise MI Mullion/Transom Inserts
- Siderise RF Cavity Barrier and Firestop for Raised Access Floors

Contact us for a copy of our building acoustics range brochure.

Contact us for further information on our CPDs

Technical Support

Technical & Sales support

For further information and advice, please contact:

Technical support: Technical Team, +44(0)1473 827695, technical.sspl@siderise.com

Sales support: Internal Sales Team, +44(0)1473 827695, sales.sspl@siderise.com

Context

The information in this datasheet is believed to be accurate at the date of publication. Siderise has a policy of continuous product improvement and reserves the right to alter or amend the specifications of products without prior notice. Siderise does not accept responsibility for the consequences of using the products described outside of the recommendations within this datasheet. Expert advice should be sought where there is any doubt about the correct specification or installation of Siderise products.

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