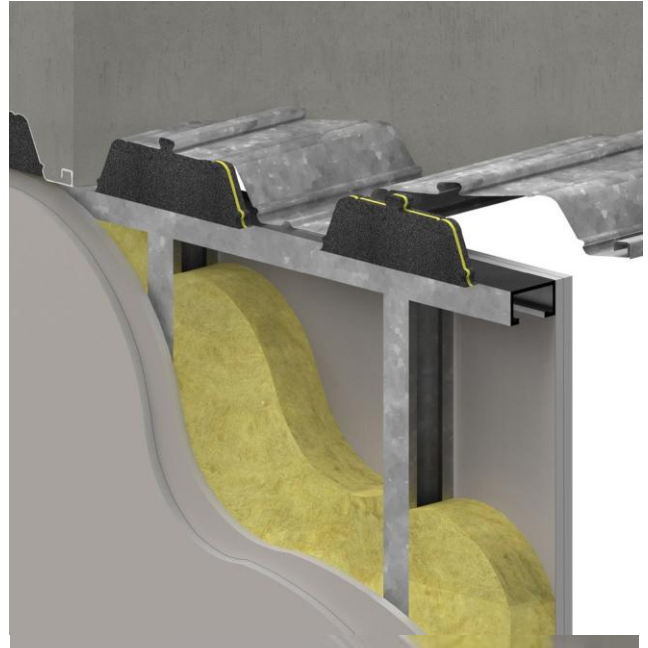


Siderise AVC acoustic void closures for tops of walls

Semi-rigid composite sheets designed for use in small and/or irregular shaped cavities to help reduce sound transmission between rooms



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 efficient 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 all junctions, gaps around service ducts, perimeter heater cases, continuous lighting trays and air diffusers. Whilst often small in area they have the potential to substantially reduce sound separation.

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 are normally supplied cut to the final aperture shape but are also available in strip form (for linear gaps) or in sheet form for site cutting. The advanced cutting techniques employed by Siderise to produce the acoustic void closures permit the supply of extremely complex shapes, which can include any required internal shape pieces to be cut-out. In consequence it is normally possible to create a closure to accurately match the cross-section of any aperture.

Acoustic performance

The product's acoustic performance is tested in accordance with BS EN ISO 140-3:1995. Weighted sound reduction index (dB R_w) values are given below in Table 1.

Table 1 - Acoustic performance

Weighted Sound Reduction Index

Product Code	Weight (Kg/m ²)	R _w (dB)
Single AVC type 3	11	27dB*
Twin AVC type 3 with 75mm gap	22	44dB

*assessed value

Fire Performance

In terms of 'Reaction to Fire', the products are classified to EN 13501-1. See Table 2.

Table 2 - Reaction to Fire performance

Product Code	Weight (Kg/m ²)	Building Regs (Approved Document B) European Class (to EN 13501-1)
Single AVC type 3	11	B-s1, d0

Technical specification

Form Supplied	Die-cut to suit profile or cut strips (full sheets available for strip use)
Colour	Black (other colour options available subject to minimum quantities)
Finish	Matt black open cell foam both sides (or optional Foil Face to one side)
Thickness	30mm
Surface weight	12kg/m ²
Central mass membrane	10kg/m ² Polymeric barrier membrane
Fire resistance performance	None – Acoustic only barrier (see Siderise TW fire stop range for use with the Siderise AVC)
Reaction to Fire	B-s1,d0

Products available

The following Siderise products for use the Interiors Sector are available:

- Siderise AVC acoustic void closures for tops of walls
- Siderise BM/P series barrier mat
- Siderise CBX flexible acoustic barriers
- Siderise CLS acoustic lining system
- Siderise CVB/LAM acoustic barriers for suspended ceilings
- Siderise CVB/P10 acoustic barriers for suspended ceilings and raised access floors
- Siderise DWX duct acoustic barriers
- Siderise FLX foam based flexible acoustic barriers
- Siderise MC mullion overclad system

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

Contact us for further information on our CPDs

Further information

Technical support

For further information please contact our technical team at the address below.

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