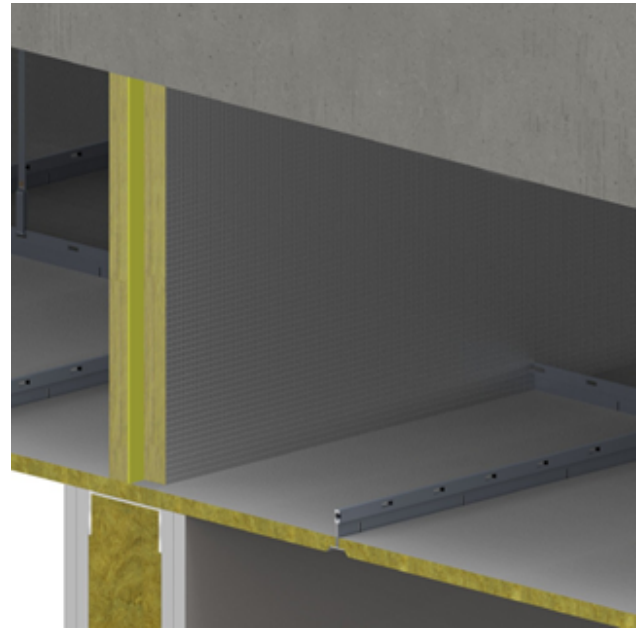


CVB/P10 Acoustic Void Barrier for ceilings and floors



Stone wool acoustic barriers to provide enhanced sound insulation in ceiling and floor voids

Application

Siderise CVB/P10 acoustic void barriers are primarily intended to reduce sound transmission via hidden voids offering potential 'cross-talk' paths to adjoining areas. For suspended ceilings or raised access floors, typical voids include those formed at partition lines.

The product can be cut to accommodate service penetrations.

Product Description

Siderise CVB/P10 is a bonded composite comprising a central 10kg/m² polymeric membrane with high density mineral wool either side. The mineral wool is faced as standard on the exposed surfaces with a reinforced aluminium foil.

As standard is supplied with opposing interlocking rebate joints in one direction. This feature helps maintain acoustic performance at joints between adjacent slabs.

Handling

Siderise CVB/P10 weighs 18kg/m², care should be taken when handling to protect the product from damage and the handler from personal injury.

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
CVB/80/P10/100R	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 Rw) 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)	Rw (dB)	C:Ctr
CVB/80/P10/100R	105	18	28	(-3;-7)
CVB/80/P10/100 + 50mm cavity + CVB/80/P10/100	260	36	37	(-4;-7)
CVB/80/P10/100 + 50mm cavity + CB10P	195	29	46	(-2;-7)
CB10P + 50mm cavity + CVB/80/P10/100	195	29	44	(-1;-7)
CVB/80/P10/100 + 50mm cavity + CVB/75/LAM/120	275	17.4	42	(-2;-7)

Technical Specification

Table 3: CVB/P10 Product Properties

Properties	Value
Form supplied	Rebate Joint Sheets 1175mm x 1000mm or 1200mm x 975mm
Colour	Silver
Finish	Bright aluminium Foil
Thickness	105mm
Surface weight	18kg/m ²
Density	Nominal 170kg/m ³
Cavities	up to 1200mm
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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