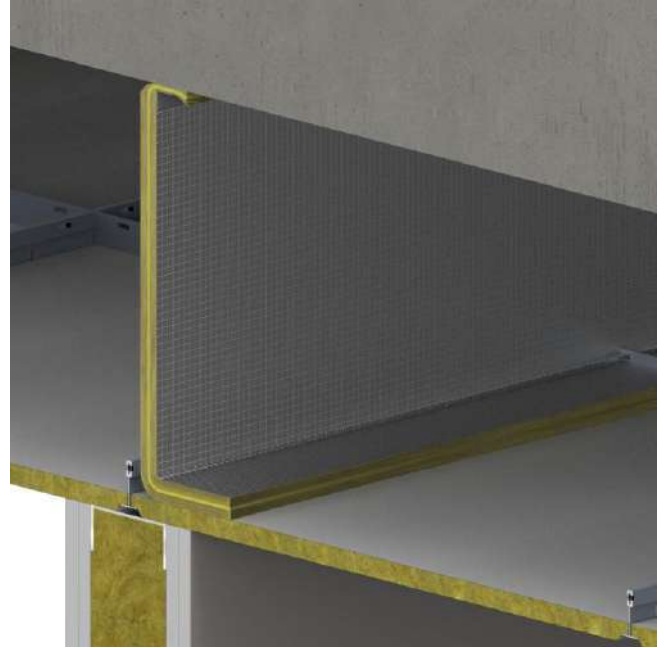


Siderise CBX flexible acoustic barriers for suspended ceilings

A flexible composite quilt designed for free-hanging in ceiling voids that reduces sound transmission between rooms, suitable in both new build and refurbishment projects.



Application

Siderise CBX flexible acoustic barriers for suspended ceilings are flexible composite quilts designed for free-hanging in ceiling voids above partition lines. They have been specifically developed to provide a simple solution to improving 'room to room' sound separation via a common ceiling void.

Being flexible and thin the quilts are ideal for remedial treatment requiring only limited disruption to an existing suspended ceiling during installation.

As Siderise CBX are faced on both sides and the joints are normally taped, the installed product is effectively dust free. However, for critical applications the product can be made fully enclosed by pre-wrapping all edges with Siderise foil tape before final installation.

Product Description

Siderise CBX is a multi-layered composite material. The central layer is a thin flexible heavy septum membrane. The barrier incorporates a laminated 'anti-creep' layer. This is designed to prevent possible long-term elongation of the product in its normal free hanging condition. It additionally provides reinforcement to through penetrations at fixing points.

To each side of the membrane is a soft high-tensile glass fibre insulation layer. This is faced as standard on the exposed surface with a reinforced aluminium foil.

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 for various grades of the product are given below in Table 1.

Table 1 - Acoustic performance

Weighted Sound Reduction Index

Product Code	Width mm	Weight (Kg/m ²)	R_w (dB)
CB10P	40	11	33
CVB/80/P10/100 + CB10P	250 o/a	29	49

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)
CB10P	11	B-s1, d0

Technical specification

Form Supplied	Sheets 2000mm x 1200mm
Finish	Aluminium Foil
Thickness	Nominal 40mm (Barrier can be readily compressed)
Surface weight	11Kg/m ²
Central mass membrane	Polymeric
Fire resistance	None - Acoustic only barrier
Reaction to Fire	B-s1,d0

Handling

Siderise CBX are fairly heavy barriers but very flexible and care should be taken when handling to protect the product from damage and the handler from personal injury.

Weight per sheet (2000mm x 1200mm std)= 26kg per sheet

Before lifting each sheet should be rolled or folded down the length of the sheet to create a package approximately 1200mm long x 300 - 500mm width/diameter. The product can then be lifted. All standard health and safety lifting/handling techniques should be observed.

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 overlaid 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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