



Concept Conversions Limited

Cavity Fire Stop Slab

Installation Guidelines

April 2024



Installation

The CCL Cavity Firestop Slab (CFSS) is installed under compression whilst utilising the CCL Fire Stop Clips (FSCLIP). Prior to beginning the installation, if the CFSS has been supplied cut to size, measure both the cavity width and the width of the slab to ensure it is a minimum of 5mm wider than the cavity.

The barrier should be securely fitted into the cavity ensuring it is compressed by approximately 5mm and the ends form a tight butt joint.

The CCL FSCLIP should be bent into a Z or L shape and penetrate the firestop by a minimum of 60% of its overall width at a rate of 2 per length (approx. 300mm from end to end). The fixing clip should then be mechanically fixed to the floor slab or inner leaf of the cavity using non-combustible fixings of appropriate type and strength for the substrate and application.



When installed vertically, and providing the barrier is supported at the base and the internal and external surfaces are completed as the barrier is installed, the CCL FSCLIP may be omitted.

All joints should be sealed using 100mm CCL Foil Tape. Small gaps caused by construction tolerances can be sealed using fire rated intumescent mastic.

Key points

- Friction fitted and reinforced with mechanical fixing.
- Minimum 5mm compression.
- Fixing should penetrate the barrier by a minimum of 60%.
- Fixings may be omitted in certain vertical applications.
- Seal joints with CCL foil tape, small gaps with fire rated sealant.

Cutting

CCL Cavity Fire Stop Slab can be cut to length on site using a saw or knife. Ensure that the short, cut pieces of barrier are tightly butted against adjoining pieces. Do not use more than one small length together to form a longer barrier. Cut the barrier to 5mm wider than the cavity to ensure good compression.

Key points

- Can be cut on site with saw or knife.
- Cut barrier 5mm wider than cavity.
- Do not use multiple short lengths together.



Other information

Previous version	Not applicable.
Changes to previous version	Not applicable.
Technical support	For further information please contact our technical department at the address below.
Product information	Visit our website for product information and technical downloads.



Unit 13, Trinity Centre, Park Farm Industrial Estate, Wellingborough, Northants, NN8 6ZB
Tel: 01933 673100 email sales@concept-conversions.co.uk

www.concept-conversions.co.uk

Concept Conversions Ltd is a Private Limited Company registered in England and Wales with Registered no 2854924