



## CAVITY FIRESTOP SLAB



Horizontal Firestop between floor slab

### DESCRIPTION:

CCL Cavity Firestop Slab consists of rigid slabs of mineral wool faced on both sides with reinforced aluminium foil. The foil facing is printed with lines along the length to aid the fabrication of cut strips on site. The slab can be supplied factory cut to suit specific cavity widths, and where necessary, have a layer of DPC bonded to one edge.

### PURPOSE:

CCL Cavity Firestop Slab is designed to prevent the passage of fire in all cavity walls as well as between a curtain wall system and a concrete floor slab.

### BENEFITS:

- Available in slabs or cut to size
- Suits cavities 15mm-300mm wide
- Simple to cut and install
- 1 and 2 hour fire resistance
- Water repellent

## Specification



### Dimensions:

Firestop 60mm - 75mm x 600mm x 1200mm  
Firestop 120mm - 100mm x 600mm x 1200mm

### Standards & Performance:

The mineral wool core of a CCL Cavity Firestop slab achieves a fire classification of Euroclass A1 as defined in BS EN 13501-1.

The product has been independently tested adopting procedures and criteria from BS476: part 20: (1987). CCL Cavity Firestop 60mm and 120mm slabs comply with the provisions of Approved Document B 2010 (2019 edition).

#### CCL Cavity Firestop

- Firestop60 provides 1 hour fire resistance
- Firestop120 provides 2 hours fire resistance.

### Curtain Wall & Cladding Systems:



Horizontal Firestop within masonry cavity wall

The CCL Cavity Firestop system is suitable for use with wall cladding systems.

The performance of the firestop will depend upon the integrity and stability of the cladding system for the duration of the fire rating where required.

Where there is a possibility of significant distortion during a fire, the cladding system must be attached to the structural floor, close to the firestop, with steel brackets.

Due to the variety of cladding available, the system manufacturer should be contacted to confirm the suitability of its use with the firebarrier for the resistance period required.



### Fixing:

Clips are required when the barrier is installed horizontally. They may be omitted during vertical installation if the barrier is supported at the base.

The fixing clips should be bent into a Z shape and penetrate the firestop by over half of its overall width at a rate of 2 per length (approx. 300mm from end to end)

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 fixing clip should then be mechanically fixed to the floor slab or inner block work.

Finally seal the joints with Class O aluminium foil tape.



sales@concept-conversions.co.uk



01933-673100



www.concept-conversions.co.uk



Unit 13, Trinity Centre,  
Park Farm Industrial Estate,  
Wellingborough, Northants,  
NN8 6ZB.

