

PARAFLAM® UNDER FLOOR CAVITY BARRIER

Product name	Paraflam® under floor cavity barrier
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Ref	



INTRODUCTION

Firestopit Paraflam® Under floor Cavity Barrier UFCB comprises a one piece, close dimensioned product having a structural internal mineral fibre core. The products have integral aluminium foil facings to provide class 'O' rating and excellent resistance to smoke. A unique method of manufacture provides a resilient lateral compression required to ensure a tight fit. As standard, the materials can be supplied with either butt joints or an interlocking overlap joint to further enhance integrity of the installation. The product comes pre-cut to suit void sizes or in sheet form to be cut on site.

The advantages of Paraflam® UFCB are as follows:

- Available in different widths & Pre-Cut Units
- Free of halogens, asbestos, and is non toxic.
- Suitable for use in irregular applications.
- Acoustic Isolation Properties
- Brackets included in pack.
- Long life and ease of application with minimum waste.
- Encased fibre migration for air plenum use.



SPECIFICATION

Description	Silver Foil Wrapped Structural Mineral Fibre Composite
Density	Stone wool 80kg/m ³
Testing	BS476:20 & Class 'O'
Width	30mm to 400mm
Thickness	100mm thickness - 2 hour rating 75mm thickness - 1 hour rating
Thermal x10 Conductivity (w/mk)	0.039
Compression strength (kPa)	60

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APPLICATION

The range of Paraflam® UFCB systems has been developed to comply with Building Regulation changes. This requires that extensive cavities in floor voids should be sub-divided with cavity barriers. The vertical seals (UFCB) should be installed to coincide with the fire resisting partitions above the floor. UFCB provides a resilient seal between the shaped underside of the access floor.



INSTALLATION

- UFCB single components are simply laid end to end on the structural floor to form a continuous barrier.
- Void height should be measured and a +10mm compression factor allowed.
- The correct size units are placed in position ensuring joints are pushed tightly together.
- Height of material can be trimmed using a sharp serrated knife.
- To assist installation and maintain integrity of the smoke barrier vertical joints can be tapped with self adhesive foil.



COMPLIANCE

Paraflam® UFCB is manufactured in the EU, meeting the highest quality standard in compliance to ISO EN 9001. For fire test certification contact Firestopit technical department.



STORAGE AND DISPOSAL

Paraflam® UFCB should ideally be stored between +5°C and +25°C indoors, above ground level in dry well ventilated conditions.