

Full-Fill Fire and Acoustic Seal

Fire, smoke and sound barrier designed to seal around service penetrations in walls and floors.

- Designed to prevent the spread of fire and smoke in a cavity void, and also offers high acoustic reductions.
- Tested and accredited for up to 4 hours to BS EN 1366-4 (BS 476 Parts 6 & 7).
- Simple to install on site and can arrive pre-cut to save time.
- The Knauf ECOSE core is zero DDP and zero GWP.
- Meets the needs of Approved Document L1A-2010 for England & Wales, and complies with Document E (2003) of the building regulations.
- Can be used for 60, 120 and 240 minute fire stop, and can also be fitted against a RSJ or I beams.



Technical Data



FIRE

Guardian Floor Edge Slab is manufactured using a core of high density Knauf ECOSE rock slab, which has a fire classification of EUROCLASS A1. This means that it will not burn or support combustion.

The rock slab is faced with class O reinforced aluminium foil, which is also fire resistant. The finished product is tested and accredited for up to 4 hours to BS EN 1366-4 (BS 476 Parts 6 & 7), which means that it can provide fire resistance for up to 4 hours in a cavity void.



APPLICATION

Guardian Floor Edge Slab is a fire and acoustic seal designed for use in a variety of applications, including:

- Concrete floor edge slabs
- Timber beams
- RSJ or I beams

The product is available in 60, 120, and 240 minute fire ratings, meeting the requirements of current building regulations. It also meets Part B acoustic requirements and complies with the needs of approved document L1A-2010 for England and Wales.

The Knauf ECOSE core of GIS-FES is zero DDP and zero GWP, making it a sustainable choice. Within the modern construction envelope, it provides the solutions needed within document E (2003) of the building regulations, thus meeting robust detailed solutions.

Product Code	Size (mm)	Fire Rating (minutes)	Slabs per Pallet
FES/050/1200/600	1200 x 600 x 50	60	90
FES/070/1200/600	1200 x 600 x 70	90	64
GUS/100/1200/600	1200 x 600 x 100	240	42

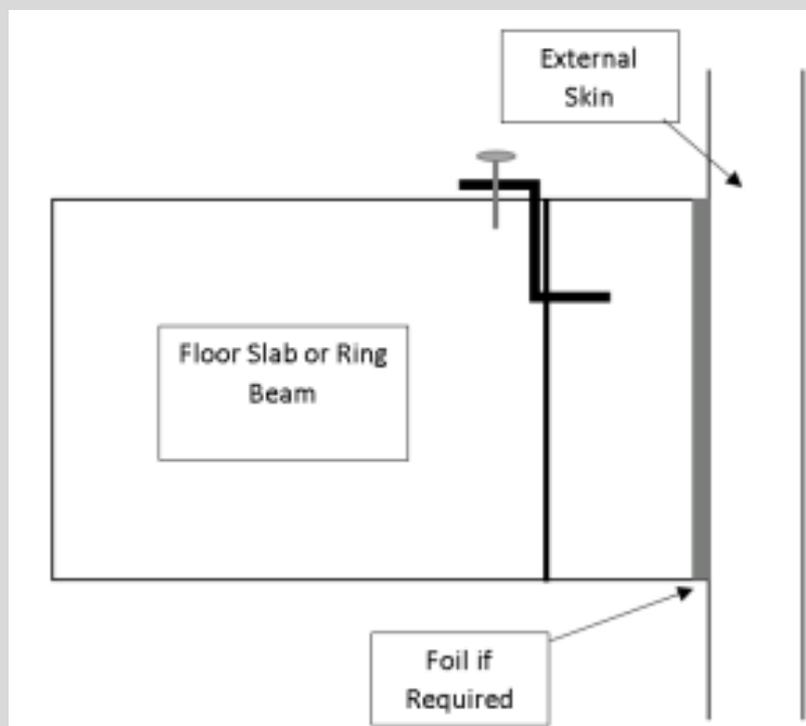
Technical Data



FITTING

Guardian Floor Edge Slab is manufactured using a core of high density Knauf ECOSE rock slab, which has a fire classification of EUROCLASS A1. This means that it will not burn or support combustion.

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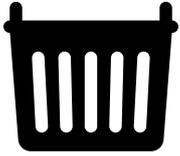


ENVIRONMENT

Our Environmental policy aims to reduce waste and minimise our carbon footprint, with a focus on product selection. KNAUF INSULATION mineral wool slab utilises ECOSE technology - the UK's first organic binder for mineral wool.

These slabs are CFC and HCFC-free, with no other ozone depletion potential elements, exceeding BREEAM requirements with a ZERO ODP and GWP classification. Using these products can help achieve environmentally conscious design considerations.

Technical Data



ACCESSORIES

Product Code	Description	Size
STRAP/225	225mm Fixing Strap	Each
GIAS/310	GIS Fire & Acoustic Mastic	310ml Tube
FOIL/50/45MT	GIS Foil Joint Tape 50mm	45mt Roll
FOIL/75/45MT	GIS Foil Joint Tape 75mm	45mt Roll
FOIL/100/45MT	GIS Foil Joint Tape 100mm	45mt Roll