KNAUF FIRE PROTECTION SERVICE TRANSIT

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Knauf FP Service Transit has been designed to maintain the fire resistance of walls and floors when these are breached by continuous cables and plastic pipes.

The Service Transit consists of a circular high temperature plastic tube containing a graphite based intumescent lining material which expands upon heating to seal spaces or voids around cables and pipes, thus preventing the passage of flames, smoke and gases. After installation of the Service Transit, cables and pipes can be retrofitted without having to install a new fire seal.

The Service Transit is available in three different lengths, 150mm, 250mm and 400mm and the selection of which to use depends on the thickness of the supporting construction and the required fire classification.

Method of delivery

- Ø40x150mm, article no. 651137
- Ø63x150mm, article no. 651138
- Ø90x150mm, article no. 651147
- Ø110x150mm, article no. 651148
- Ø40x250mm, article no. 651150
- Ø63x250mm, article no. 651188
- Ø90x250mm, article no. 651178
- Ø110x250mm, article no. 651179
- Ø40x400mm, article no. 651183
- Ø63x400mm, article no. 651184
- Ø90x400mm, article no. 651185
- Ø110x400mm, article no. 651186

Installation Instructions

1. Install the Service Transit centrally in the wall, floor or fire seal ensuring that the centre point of the transit is located mid-depth in the wall, floor or fire seal.
2. Friction fitted or cast installation:
   - Make sure there is a tight seal with no gaps around the Service Transit and that it is securely locked in position. If this is not the case, simply apply a bead of Knauf FPA Acrylic on both sides.
   - Installation with Knauf FPA Acrylic, Knauf FPC Panel or Knauf FP Mortar:
   - Follow the Technical Data Sheet and Installation Instructions supplied with the product selected together with installation instructions and detailed drawings in this document.
3. Before cables and/or plastic pipes are inserted through the Service Transit, remove the fibre plug from the middle of the Service Transit. After the insertion of services is completed, ensure that the fibre plug is refitted and positioned correctly around the services in the middle of the Service Transit, leaving no openings so a cold smoke barrier is achieved.
4. Make sure labels with retrofit instructions are placed near the Service Transit on both sides after installation, so future service installations are completed correctly by reinstating the fibre plug.

Product description

Knauf FP Service Transit consists of a circular high temperature plastic tube containing a graphite based intumescent lining material which expands upon heating to seal spaces or voids around cables and pipes, thus preventing the passage of flames, smoke and gases.

Storage

Store in temperatures between 5°C and 30°C

Scope of application

Knauf FP Service Transit has been designed to maintain the fire resistance of walls and floors when these are breached by continuous cables and plastic pipes.

After installation of the Service Transit, cables and pipes can be retrofitted without having to install a new fire seal.

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Properties

- Safe, easy and quick to fire stop service penetrations
- Ideal for installations where it is likely that services will be inserted or replaced later on
- New patented fast expanding graphite material
- Very high fire classifications up to 240 minutes for both integrity and insulation
- Unlimited storage time (under correct conditions)
- ~~30 years~~ working life guarantee
- ~~ETA 18/0925~~
- EAD 350141-00-1104

Sizes and Intended Use

Size	Qty/Box	Intended Use
Ø40 x 150 mm	30	Drywalls or walls of masonry and concrete ≥ 75mm thick
Ø63 x 150 mm	25	
Ø90 x 150 mm	12	
Ø110 x 150 mm	9	
Ø40 x 250 mm	30	Drywalls or walls of masonry and concrete ≥ 100mm thick or concrete floors ≥ 150mm thick
Ø63 x 250 mm	25	
Ø90 x 250 mm	12	
Ø110 x 250 mm	9	
Ø40 x 400 mm	30	Drywalls or walls of masonry and concrete or concrete floors ≥ 250mm thick
Ø63 x 400 mm	25	
Ø90 x 400 mm	12	
Ø110 x 400 mm	9	

Sound insulation

Description	Sound reduction
Service Transits in all sizes	42 dB RW

The sound insulation value is only valid for the Service Transit and not for other elements in the building construction.

The sound insulation has been tested by the accredited laboratory Exova BM Trada in Great Britain according to EN ISO 10140-2. Test report is available upon request.

Safety

Please observe the EC Safety Data Sheet.