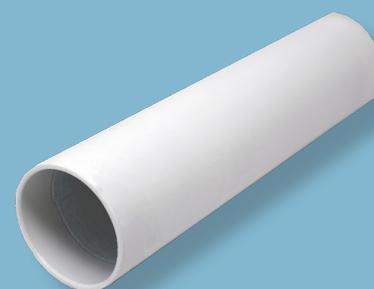


E412c.pl

Technical Data Sheet



Firewin

2018-12

Knauf FP Service Transit

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

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

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.

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.

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

Technical Data	
Technical Approval	EAD 350454-00-1104
Durability according to EAD 350454-00-1104	Z ₂ intended for use in internal conditions with humidity classes other than Z ₁ , excluding temperatures below 0 °C.
Tube	High temperature resistant plastic
Conditioning procedure	EN 13238:2010
Expansion ratio	17:1
Expansion pressure	65.4 N
Colour	White tube with anthracite inlay
Graphite weight	1.4 kg/m ² per mm thickness
Graphite density	1409 kg/m ³
Normal expansion time	Less than 2 minutes
Minimum expansion temperature	105 °C
Storage	Store in temperatures between 5 °C and 30 °C
Life	Under normal conditions; 30 years +

Sizes and Intended Use:

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

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