Flexible Intumescent firestop block suitable for temporary or permanent applications

Wall penetration

APPLICATIONS

- Single or multiple penetrations
- Cable tray/bunch
- Blank openings
- Metallic or non metallic conduit

ADVANTAGES

- Highly flexible
- Low VOC
- Age resistant
- Smoke resistant
- Resistant to damp
- Can be combined with fischer FBS Foam Barrier System
- Dry application

APPROVALS

ETA Approval pending

German Standard
DIN EN 1366-3

Mit allgemeiner bauaufsichtlicher Zulassung

APPLICATION EXAMPLES:

- Cable bunches up to 80mm
- Blank openings up to 700 mm X 400 mm
- Metal or PVC conduits
- Mix multiple penetrations

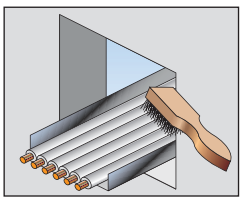
DESCRIPTION

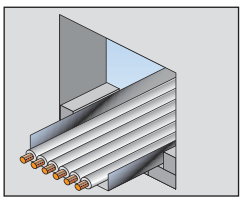
- fischer Firestop Blocks FBB are a specially formulated two component polyurethane foam which has been designed to give maximum flexibility when used for sealing service penetrations of single or bunched electrical cables, pipes, conduits of all types.
- The highly elastic mouldable blocks can be used in applications where a temporary or permanent fire seal is required in both vertical and horizontal applications for up to 90 minutes.
- Tested to the DIN EN1366-3 the FBB has suitable compatibility in concrete, porous concrete, masonry and Drywall . The quick and easy installation of FBB means it can be retro fitted as necessary and used with the fischer Foam Barrier System FBS for more difficult to reach applications.

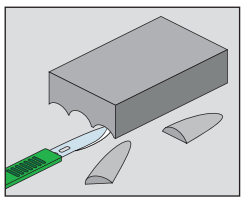
INSTALLATION

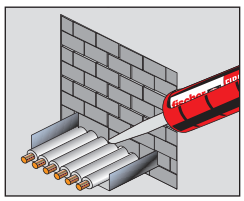
Note: Firestop material must be installed in accordance with detailed instructions or the approved system:

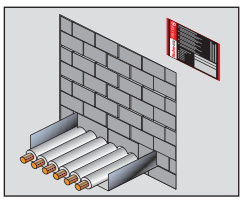
1. Service penetration should be rigidly supported as per local building codes or approved standards
2. Clean all contact surfaces so they are free from loose debris and contaminants such as oil, dirt, grease, wax, old sealant etc.
3. Maximum degree of service penetrations is 60% of void size
4. Install FBB into aperture so that the length (230) of the FBB is longitudinal within the opening.
5. Install FBB in a running bond formation (staggered joints) so that the joints overlap by 130mm
6. Continue until all voids and cavity is filled and the FBB is flush with building component.
7. The FBB can be trimmed with a knife around services as required. Any additional voids or cavities within the application can be sealed with fischer FBS Foam Barrier System
8. Sealing of Floor must be protected from loads









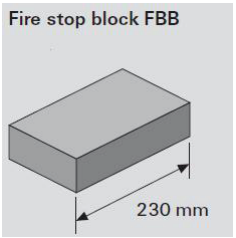


SPECIFICATIONS

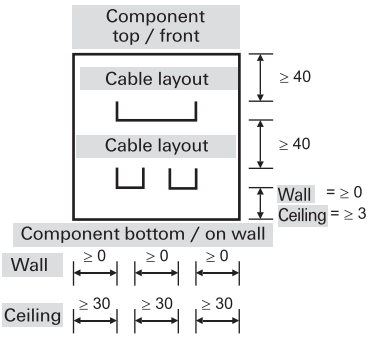
Description	Article No.	Dimensions L x W x H	Qty. Per Box
FBB Block	45986	230 x 130 x 60	10
FBB/S Block	533888	160 x 130 x 60	20
FBS Foam Barrier System	45987	Contents - 180g	12

TECHNICAL DATA

Density:	0.225 g/cm3
Colour:	Grey
Temperature Resistance:	-15°C to +80°C
Dimensions:	230 x 130 x 60
Pack size:	Boxed in 10



Installation data	Wall	Floor	Light partition wall
Approval no.			
Wall/ceiling thickness	Min. 100	Min. 150	Min. 100
Max. seal size (WxH/L)	700 x 400	400 x unlimited	700 x 400
Seal thickness min.	230	230	230
Min. spacing	**Wall** Clearance between individual cable routes ≥40mm, component embrasure ≥40mm, clearance on the side Vertically and underneath > 0mm **Floor** As above with addition of cable support structures to the side >30mm		
Reinforcing strip of component thickness	>200mm with Plaster/Fibre/ calcium silicate	Wall clearance <30mm to edge 60x30mm strip of FBB with cables d>30mm underside bead >10x30mm	>200mm with plaster Fibre/calcium silicate (150mm wide)



ADDITIONAL INFORMATION

Note: Please refer to MSDS for further information

Recommendations

1. **Can be used in conjunction with fischer FBS - Foam Barrier System**

Storage

1. **Storage temperatures between -15°C and +80°C**
2. **Store away from heat sources and direct sunlight**