

Complete Fire Protection Ltd

Manufacturers of Intumescent Products

FirePlug Fire Rated Foam

Data Sheet

Application

Fire Rated Foam is designed to be used to fire stop small gaps and service penetrations in masonry walls and floors around pipes and cabling, and to bond and seal around fire door frames and windows.



Description

Fire Rated Foam is a moisture curing foam suitable for use in gaps up to 40mm (2 hour fire integrity), around services or bonding door and window frames having excellent adhesion to most building materials.

Application Instructions

1. Read the Fire Rated Foam Health & Safety instructions before starting work.
2. Ensure surfaces to be treated are free from grease, dust and loose materials.
3. Refer to Fire Rating below for seal fire rating and construction.
4. Moisten surfaces to improve curing time.
5. Shake can for 30 seconds and occasionally during use.
6. Hold can upside down, work away from you on horizontal surface and bottom up on vertical surface.
7. Only partially fill cavity as the foam will expand to fill remaining space
8. After use, turn can upright and press nozzle to clear out foam. Fresh marks can be removed by acetone, cured foam can only be removed by mechanical means.

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Fire Rating

Seals may be up to 50mm wide and are as specified below :

Fire Rated Foam in Walls

Width up to (mm)	Depth of seal for Integrity and Insulation (mm)		
	60 mins	120 mins	240 mins
15	120	150	220
20	140	220	N/A
25	160	N/A	N/A

Fire Rated Foam in Floors

Width up to (mm)	Depth of seal for Integrity and Insulation (mm)		
	60 mins	120 mins	240 mins
15	120	150	N/A
20	140	150	N/A
25	160	N/A	N/A

Sound absorption LFT 167 31008/Z2 up to 56dB

Fire Rated Foam with 110kg mineral wool insulation in floors or walls

Width up to (mm)	Depth of seal for 240 minutes integrity and insulation (mm)	Mineral Wool Depth (mm)
25	220	50
50	250	100

Testing

Fire tested to BS 476 Pt 20/22 for up to 4 hours fire integrity and insulation.

Benefits

Suitable for many applications, bonding to a wide range of substrates. Once cured the foam can be easily cut or sawn. Cures in one hour.

Storage

Shelf life is 12 months.