

Fire stop intumescent pipe collar

PIPE COLLAR

B150

FOR UPVC, PVC, ABS, PP, PE AND COMPOSITE PIPE PENETRATIONS

Nullfire B150 is a galvanised steel surface mounted intumescent fire stop pipe collar. In the event of a fire, B150 prevents the passage of fire and smoke by closing off the aperture within the compartment floor or wall when penetrated by plastic pipes.

Key features

- Up to 2 hours fire resistance
- Surface mounted system
- Lightweight and easy to install
- Design allows for thermal movement of the pipe
- Fixing brackets mechanically attached to the collar housing
- Provides effective cold smoke seal when used with Nullfire Acrylic Sealant

Product overview

Typical applications

Reinstates the integrity of plastic pipe work in the following:

- Health and leisure centres
- Schools, universities and other educational buildings
- Hospitals
- Industrial, power generation plants
- Transport

Joint substrates

- Masonry walls
- Masonry floors

Permissible services

- PVC pipes
- UPVC pipes
- ABS pipes
- PE pipes
- PP pipes
- Composite pipes

Testing and certification

Fire performance

- Tested in accordance with EN 1366-3
- Up to 2 hours fire resistance
- Classification EN 13501

Technical support

Please refer to our MSDS and technical application data sheets for further details. For guidance on applications outside this scope, contact our technical department.

Specification

B150	120 minute system	Galvanised mild steel
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Sizes 55mm – 160mm. For sizes in excess of 160mm contact Nullfire for details.



Installation guidance

Preparation

Ensure face of wall/floor adjacent to the pipe is smooth and free from debris

Installation

1. Position Nullifire B150 Pipe Collar around the pipe and against the wall/floor
2. Slide the fixing clip in place
3. Bend clip back to fasten collar around the pipe
4. Fix collar into place using a suitable fixings

Maintenance

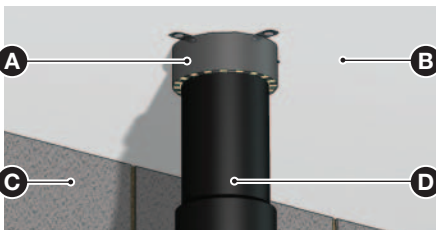
No maintenance required after installation. Routine inspection recommended to ensure no damage.

Tools required

- Fixing anchors or heavy duty screws
- Suitable drill
- Nullifire M701 Acrylic Sealant for smoke seal

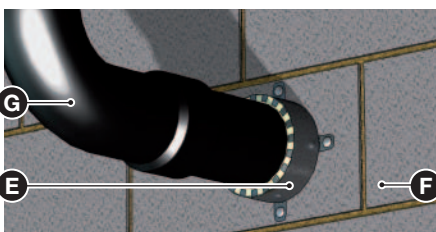
Application types

Horizontal penetrations



- A** B150 Pipe Collar **B** Ceiling
C Masonry wall **D** Plastic pipe

Vertical penetrations



- E** B150 Pipe Collar **F** Masonry wall
G Plastic pipe

Fire performance

Pipe type	Pipe diameter (mm)	Integrity (mins)	Insulation (mins)
Masonry wall		(Collar to be fitted on both sides)	
VC/UPVC	up to 160mm	120	120
PP	up to 160mm	120	120
PE	up to 160mm	120	120
Composite SBS/ASA/PVC	up to 52mm	120	120
	13-29mm	90	90
ABS	50mm	90	90
Masonry floor		(Collar to be fitted to the underside)	
PVC/UPVC	up to 160mm	120	120
PP	up to 58mm	120	120
	58-160mm	60	30
PE	up to 160mm	120	120
Composite SBS/ASA/PVC	up to 52mm	120	120
	52-160mm	60	60
ABS	160mm	120	120

Large diameter collars available on request. 240 minute collar available. Contact Nullifire customer services for further information.

Product range

Product	Description	Colour	Diameter (mm)	Item No.
B150	Fire Stop Intumescent Collar	White	55mm	350651
B150	Fire Stop Intumescent Collar	Grey	80mm	350652
B150	Fire Stop Intumescent Collar	White	110mm	350653
B150	Fire Stop Intumescent Collar	Grey	160mm	350654

For sizes not shown please refer to Nullifire customer services for further information

Associated products

Product	Description	Page No.
M701	Acrylic Sealant (310ml) White	28
M701	Acrylic Sealant (600ml) White	31