

Application

Flexible walls: The wall must have a minimum thickness of 100 mm and comprise 50mm steel or timber studs. On both faces, have a minimum of 2 layers of 12.5 mm thick boards.

Rigid walls: The wall must have a minimum thickness of 100 mm and comprise concrete, aerated concrete, blockwork or masonry.

The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period.

The total amount of cross sections of services shall not exceed 60% of the penetration area.

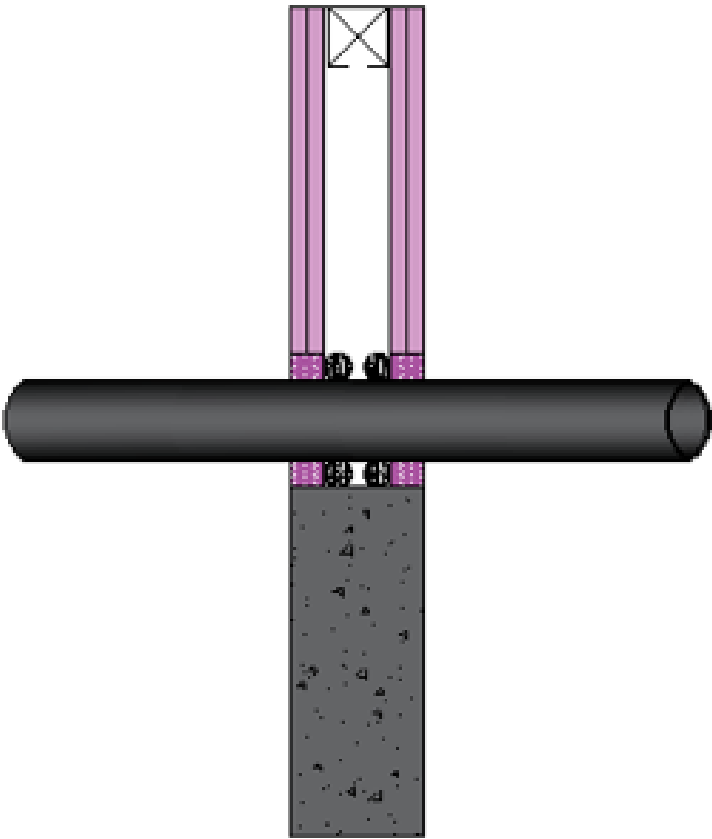
Maximum aperture size of 200 x 200 mm in a wall.

Nullifire FS709 HP Intumescent Sealant is applied to seal around the service **on both faces** at the interface between seal and supporting construction.

- All surfaces must be clean, free from dirt, grease and other contamination.
- Insert required backing material (see table on TDS), oversized to opening to ensure stability, to provide correct depth of seal.
- Using a suitable tool, cut nozzle of cartridge to bead size and angle required.
- Gun sealant into gap to required depth by applying an even pressure to the trigger.
- Work and tool to a smooth finish immediately with a wet profiling tool or spatula.

Important Information:

- If used around Pegler X-Press Carbon Steel pipes, the pipe manufacturer should be consulted, and their recommendations followed.
- Do not use around CPVC pipes; for this specific application please use FS719 HP Blue for CPVC.
- Safety data sheet must be read and understood before use



Service	Diameter pipe (mm)	Pipe Wal thickness (mm)	Max. Opening (mm)	Seal structure	Classification
uPVC	Ø 40	1,9	Ø 80	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
uPVC	Ø 40	1.9-3.0	Ø 60	FS709 10mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
uPVC	Ø 110	3,2	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 90 U/C
uPVC	Ø 125	4,8-7,4	Ø 157	FS709 16mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
uPVC	Ø 125	8,2	Ø 165	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 40	3,7	Ø 80	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 90	8,2	Ø 115	FS709 12.5mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 90	8,2	Ø 130	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 110	3,4	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 90 U/C
PE	Ø 110	6,3	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PE	Ø 110	6,6	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
PEX	Ø 28	2.0	Ø 62	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
ABS	Ø 40	7.2	Ø 80	FS709 20mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
ABS	Ø 90	6.0	Ø 115	FS709 12.5mm wide x 25mm deep on each face, backed with PE	EI 120 U/C
ABS	Ø 114	6,4	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 90 U/C
ABS	Ø 110	11,2	Ø 150	FS709 20mm wide x 25mm deep on each face, backed with PE	E 120 I 60 U/C
PE	Ø 63	5,8	600x140	FS709, 25mm deep on each face, backed with 50 mm thick tightly packed stone wool (33 kg/m3)	E 120 I 90 U/C
PE conduit with Copper pipe inside	PE - Ø 63 Copper - Ø 15	PE – 5.8 Copper – 0.7	600x140	FS709, 25mm deep on each face, backed with 50 mm thick tightly packed stone wool (33 kg/m3)	E 120 I 90 U/C

* Consult the ETA for detailed information

Combustible Pipes
flexible or rigid wall (≥ 100 mm)

FS709-DW100-SI-01-00001

Tested according to EN 1366-3, classified to EN 13501-2

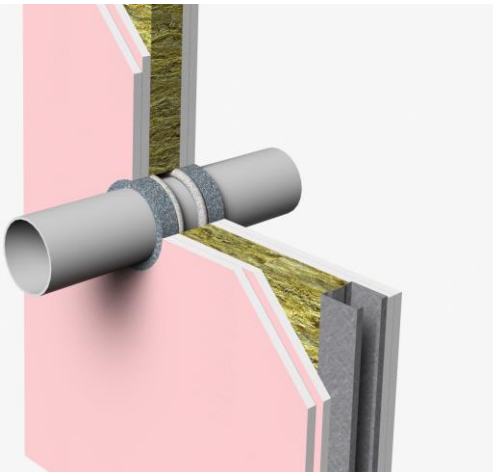
ETA 20/1314
Date of issue: 01/01/2021

Suitable for flexible and rigid walls, the performance of the fire stopping will always be limited to the performance of the surrounding substrates.



Minimum Distances

See document 711A/ V3
Service to sealant = 0mm



Note – Also tested with insulation cut back, so suitable for use in non insulated partitions

Nullifire products
[FS709 HP Intumescent Sealant](#)

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V2 01.09.2023

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