

Fire Stopping Compartmentation Systems

FLAMO PASS



TRIA

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description

FLAMO PASS System is a pre-assembled, multi layered Intumescent device encased in a 2 part steel shell. It is designed to prevent the passage of fire between compartment floors and walls, offering smoke and acoustic isolation whilst still allowing for the easy installation/ removal of services. There are 11 different sizes available depending on the number and size of the services. It can be formed into a modular grid forming an easy route for services.

FLAMO PASS System are unaffected by oil, fungus, moisture, vermin, weather and contains no halogens or asbestos.

FLAMO PASS system is a multi layered service transit system designed to accommodate new or existing penetrations. Housed in a metal or composite shell, it has intumescent sachets of aqueous expanding paste liquid. For new builds simply slide the FLAMO PASS SYSTEM through the pre-cast / cut aperture, then when ready push the service (cable / pipe) etc through the liquid intumescent.

intended use

For existing build split the outer case, close the case around the required service, slide into place and fix the lid ensuring that the liquid intumescent pads are central the shell.

key product points

- Easy installation of services.
- Instant entry / re-entry.
- Up to 2 hours FR - E120 EI 60.
- Use of advanced Intumescent Technology.
- Good Acoustic isolation properties.
- 11 different size combinations.
- Brackets included in the pack.
- Can be module fixed together.
- Superior level of sustainability.
- Ideal for Historical Building Upgrades or new build.

PRODUCT TECHNICAL DATA

Description	Result	Test standards
Description	Steel or Composite case construction with an intumescent centre	
Expansion Ratio	24 times volume	
Activation Temp	140°C	
Fire Testing	E120 EI60, 120 minutes integrity / 120 minutes insulation	EN1366-3, AS 1530.4-2014
Acoustic	34dB Acoustic Reduction	EN10140
Expected Shelf Life	N/A	N/A

installation

Ensure that the aperture and services in question are tested with FLAMO PASS SYSTEM, and the site conditions are within the application specification. Sufficient gap in the wall for the FLAMO PASS SYSTEM must be available. Seal any visible gaps around the FLAMO PASS transit system using Flamocoustic or Flamolastic.

All services and apertures need to be clean and clear of all dust and loose particles. The aperture temperature needs to be at 5°C or above at time of installation.

Upon installation make sure that you install FLAMO PASS SYSTEM into the substrate using required fixings (where applicable). Seal off the outside perimeter edges of the FLAMO PASS SYSTEM with Flamocoustic Sealant.

TYPICAL SIZES

	Width	Height	Depth
Type A	300	100	120
Type B	200	100	120
Type C	100	100	120
Type D	300	100	150
Type E	200	100	150
Type F	100	100	150
Type G	300	150	150
Type H	100 dia	X	120
Type I	150 dia	X	120
Type J	100 dia	X	150
Type K	150 dia	X	150

service support requirements

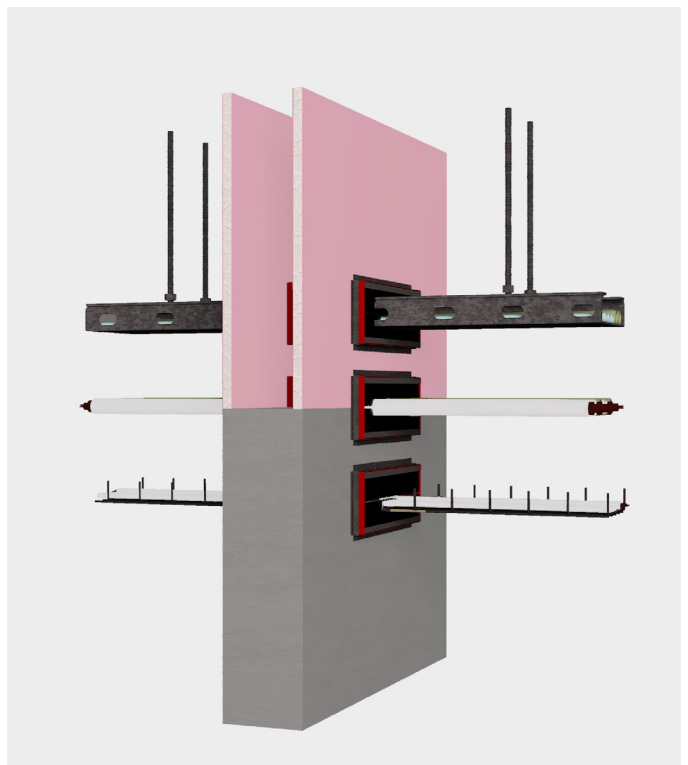
Services should be rigidly supported via steel angles, hangers or channels, not further than 400mm from the surface of the sealing system on both faces unless specified otherwise in the performance data.

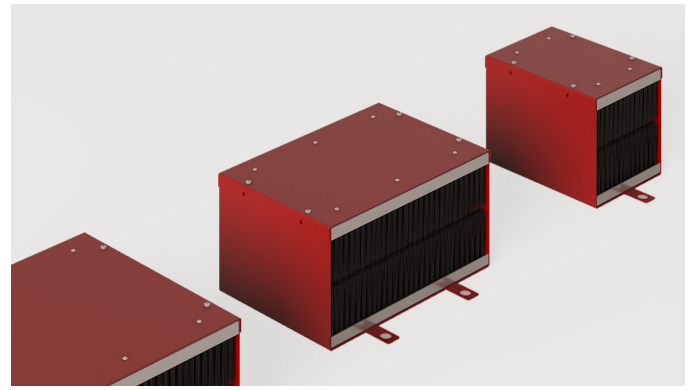
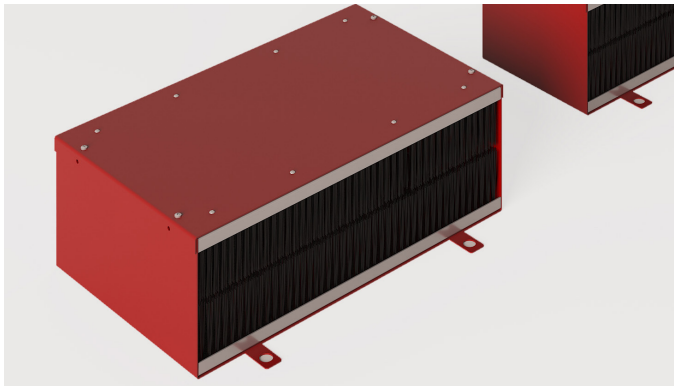
WALL CONSTRUCTIONS

Penetration Specification	Perimeter Sealing	Classification
FLAMO PASS SYSTEM with electrical cables type D1, F.	10mm x 10mm of Flamocoustic Sealant applied to the perimeter edges.	EI 60 E 120

WALL CONSTRUCTION

Penetration Specification	FLAMO PASS size	Perimeter Sealing	Integrity	Insulation
REHAU RAUTITAN PLATINUM 20 x 2.8MM PE-X	FLAMO PASS SYSTEM 150mm wide x 270mm deep x 150mm high	10mm x 10mm of Flamocoustic Sealant applied to the perimeter edges.	120 minutes	120 minutes
Rehau RauTitan Gas Stabil 20 x 2.9 PE-X Yellow (gas)				
Data Cable				
Coax Cable 75 Ohm				
Galvanised steel pipe				
copper pipe				
20mm uPVC Conduit				
Electri Cable				
Cable, Fire Alarm System - Light Duty				





information

TRIA has Technical Representatives who provide assistance in the selection and specification of TRIA products. For more information, specification and technical advice please call our Head Office geral@tria.pt. Guarantee / Warranty: TRIA products are manufactured to rigid standards of quality. Any product which has been applied in accordance with TRIA's written instructions and in any application

recommended by TRIA, but which is proved to be defective in product quality, will be replaced free of charge. No liability can be accepted for the information provided in this document although it is published in good faith and believed to be correct. TRIA reserves the right to alter product specifications without prior notice, in line with our Company policy of continuous development and improvement.

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