ASTROFLAME
PASSIVE FIRE STOP SYSTEMS

Product Data Sheet

Astro Thermal Fire PS

Revision 13 - 17th November 2021



CE
ETA - 20-1337
CE-2812-CPR-0555

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Astro Thermal Fire PS

Thermal Fire Pipe Sleeve





- CE Marked
- 4-in-1 Solution – Fire, Acoustic, Thermal and Vapour Seal
- Up to EI120 Minutes Fire Rating in Gypsum Walls and Solid Floors
- Up to EI240 Minutes Fire Rated in Solid Walls
- Suitable for both Metal and Plastic Pipes
- Simple & quick to install, no fixings or sleeving required
- Available to suit pipe diameters of 15mm to 169mm
- 1 length of Fire Sleeve can replace two fire collars
- Lubrizol Approved
- Cost effective, can be cut to length

Product Description

The Astro Thermal Fire PS are a range of passive fire protection penetration seals designed to firestop insulated metal and combustible plastic pipes.

The Fire Sleeves offer Fire, Acoustic, Thermal and Vapour seal performance to a range of pipes passing through various wall or floor constructions.

The CE Marked range are fire tested in accordance with EN 1366-3 with additional testing and assessments to BS 476 Part 20.

The Astro Thermal Fire PS are manufactured from a unique, low smoke, zero halogen intumescent material. The Fire Sleeves are supplied pre-formed and ready to install to suit a variety of pipe diameters.

With a nominal thickness of 25mm, the compressible intumescent sleeve is supplied wrapped in a reinforced aluminium foil allowing it to be cut down its length and retro-fitted around the pipes. This provides an effective fire, smoke and acoustic seal whilst also allowing for some thermal movement. Fire Ratings of EI30, EI60, EI90, EI120 or even up to EI240 minutes are offered depending on the construction type.

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ETA-20-1337
ETAG 026 - Part 2
ASTRO THERMAL FIRE PS/PS+

"see ETA-20-1337 for relevant characteristics"

Product Availability

Thermal Pipe Sleeve Length 300mm. Wall thickness 25mm.

Product Code	Product Description	Diameter
AFIPS17/2E	Astro Thermal Fire Pipe Sleeve 17mm	17mm
AFIPS21/2E	Astro Thermal Fire Pipe Sleeve 21mm	21mm
AFIPS27/2E	Astro Thermal Fire Pipe Sleeve 27mm	27mm
AFIPS34/2E	Astro Thermal Fire Pipe Sleeve 34mm	34mm
AFIPS42/2E	Astro Thermal Fire Pipe Sleeve 42mm	43mm
AFIPS48/2E	Astro Thermal Fire Pipe Sleeve 48mm	48mm
AFIPS54/2E	Astro Thermal Fire Pipe Sleeve 54mm	54mm
AFIPS60/2E	Astro Thermal Fire Pipe Sleeve 60mm	60mm
AFIPS67/2E	Astro Thermal Fire Pipe Sleeve 67mm	67mm
AFIPS76/2E	Astro Thermal Fire Pipe Sleeve 76mm	76mm
AFIPS80/2E	Astro Thermal Fire Pipe Sleeve 80mm	80mm
AFIPS89/2E	Astro Thermal Fire Pipe Sleeve 89mm	89mm
AFIPS102/2E	Astro Thermal Fire Pipe Sleeve 102mm	102mm
AFIPS108/2E	Astro Thermal Fire Pipe Sleeve 108mm	108mm
AFIPS114/2E	Astro Thermal Fire Pipe Sleeve 114mm	114mm
AFIPS127/2E	Astro Thermal Fire Pipe Sleeve 127mm	127mm
AFIPS140/2E	Astro Thermal Fire Pipe Sleeve 140mm	140mm
AFIPS159/2E	Astro Thermal Fire Pipe Sleeve 159mm	159mm
AFIPS169/2E	Astro Thermal Fire Pipe Sleeve 169mm	169mm

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size
Typical example:- 10 / AFIPS21/2E / Astro Thermal Pipe Sleeve 21mm / 21mm

>> Tel: 01329 844 500 or >> Email: sales@astroflame.com

Installation

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel 01329 844 500 or email sales@astroflame.com

Maintenance

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to ASFP TGD 17 – Code of Practice for the Installation and Inspection of Fire Stopping.

Competency

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

Additional Notes

Please refer to the ETA sheet for fields of application for this product. For further information on installation requirements please refer to the pipe manufacturer data and wall specification to ensure the compatibility of this product, if in doubt please contact the technical team with services and wall specification on: tel 01329 844 500 or email sales@astroflame.com

Health and Safety

Please see (SDS) Safety Data sheet - This can be requested from our sales team T: 01329 844 500
or E: sales@astroflame.com

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