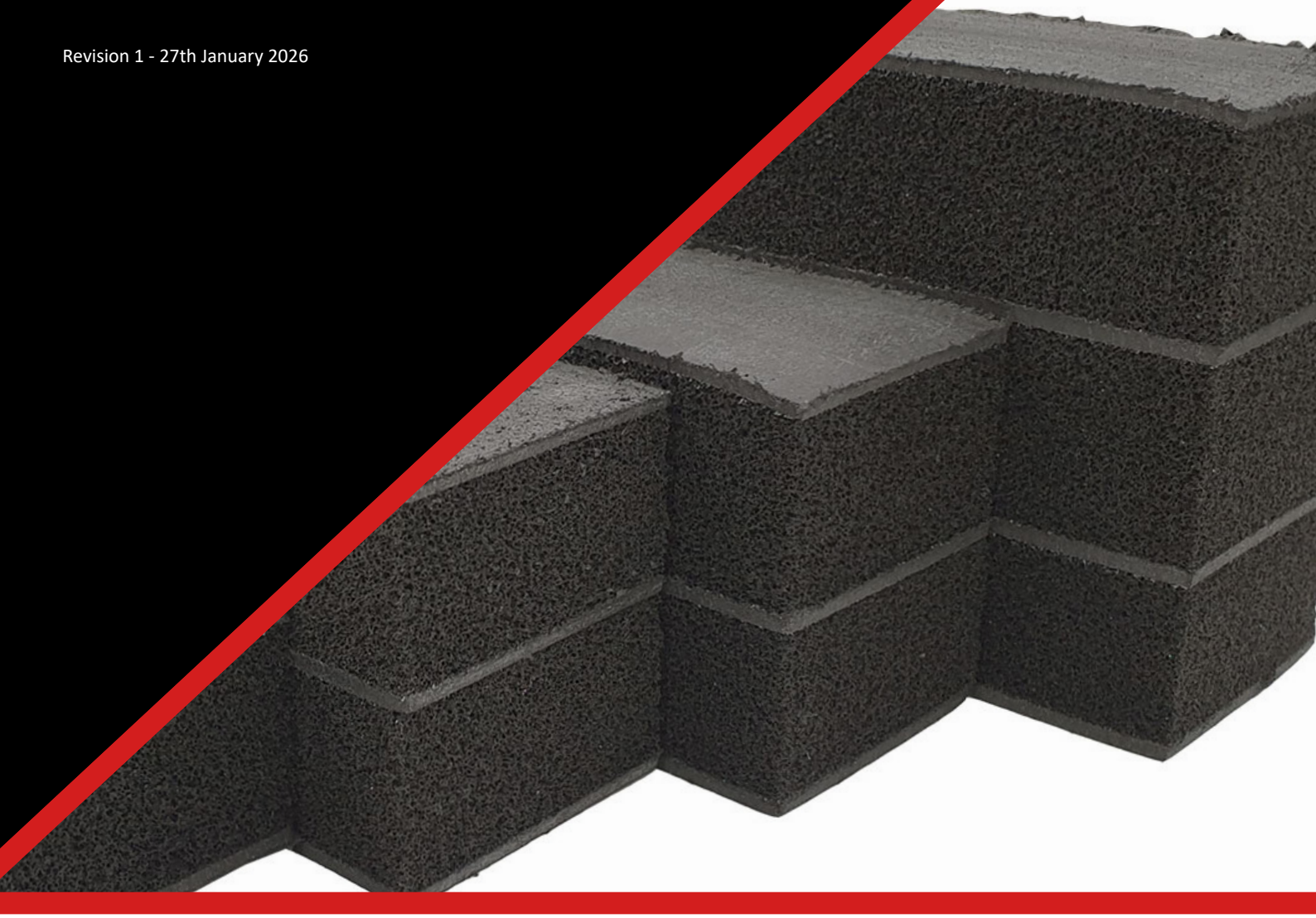
ASTROFLAME
PASSIVE FIRE STOP SYSTEMS

Product Data Sheet

Astro Linear Joint Seal

Revision 1 - 27th January 2026



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Astro Linear Joint Seal

Intumescent Expansion Joint Seals

- To reinstate fire resistance through rigid floors and walls.
- Linear construction joints.
- Tested to EN1366-4 : 2021 Fire resistance tests for service installations - Part 4: Linear joint seals.
- Available in five different widths to cover gap sizes from 10mm to 100mm in rigid walls and floors.
- Fire resistance period for rigid walls of up to EI120 dependent upon width.
- Fire resistance period for rigid floors of up to EI120 dependent upon width.
- Friction fit.





Product Description

The Astro Linear Joint Seal is an advanced intumescent thermoplastic designed to provide exceptional fire protection. It is formulated with flame retardants and binders that enable high-performance volume expansion and pressure sealing. Encased in an elastomeric, acoustically rated foam, the system allows for significant movement while maintaining its sealing properties.

This system is specifically designed to reinstate the fire resistance of wall and floor constructions in linear gap seals. It has been rigorously tested to EN 1366-4: 2021, the standard for fire resistance tests on service installations, specifically for linear joint seals.

The Astro Linear Joint Seals are available in five different widths, making it suitable for gap sizes ranging from 10mm to 100mm in rigid walls and floors. It offers a fire resistance period of up to EI120 for both rigid walls and floors, depending on the width of the seal.

Installation is simple and efficient, as the system is designed for a friction-fit application, ensuring a secure and reliable seal without the need for additional adhesives or fixings. This makes it an ideal solution for maintaining fire safety in buildings while allowing for structural movement and acoustic performance.

Product details

Material	Intumescent thermoplastic filled with flame retardants and binders
Finish /Colour	Black
Chemical properties	See SDS latest version
Size/dimensions (product & installation spacial requirement)	1000mm x 33.6mm x 50mm (LJS25) 1000mm x 55.4mm x 50mm (LJS35) 1000mm x 60.4mm x 50mm (LJS50) 1000mm x 92.2mm x 50mm (LJS75) 1000mm x 129mm x 100mm (LJS100)
Handling & Storage	For unopened material, store in a well-ventilated, dry, cool environment. Recommend-ed temp ranges +5°C - +35°C. Protect against exposure to direct sunlight. Always ensure that safe manual handling procedures are followed at all times. For information and advice on the safe handling, storage and disposal of chemical products, please refer to the most recent Safety Data Sheet (SDS).
Chemical Resistance / Limitations	Not to be used where joints are to be con-stantly immersed in water. Do not use on substrates that are likely to release solvents, oils or plasticizers. Not resistant to water, strong acids, strong bases, oxidizing agents (i.e. hydrogen peroxide), alcohols, hydrocar-bon solvents.

Product Certification / Approvals

Approval	Reference number
Emicode	EC 1+
ISO 9001	11378

Testing / Classification

Standard	Description	Result
EN1366-4 : 2021	Fire resistance tests for service installations - Part 4: Linear joint seals	Please contact Technical : sales@astroflame.com

Fire Resistance Classifications

Product Code	Joint Width (mm)	Rigid Walls (Vertical Linear Joint)	Rigid Floors	Head of Wall
AFLJS25	10-25mm	E 240, EI 120	EI120	EI120
AFLJS35	26-35mm	E 240, EI 120	EI120	E 120, EI 90
AFLJS50	36-50mm	E 240, EI 120	EI120	EI120
AFLJS75	51-75mm	EI 90	E 90, EI 45	E 90, EI 60
AFLJS100	76-100mm	EI 120	EI 120	EI 90

Product Availability

Supplied in metre lengths. When ordering please state product code and number of metre lengths required.

Product Code	Product Description	Sizes
AFLJS25	Astro Linear Joint Seal 10-25mm	1000mm x 33.6mm x 50mm
AFLJS35	Astro Linear Joint Seal 26-35mm	1000mm x 55.4mm x 50mm
AFLJS50	Astro Linear Joint Seal 36-50mm	1000mm x 60.4mm x 50mm
AFLJS75	Astro Linear Joint Seal 51-75mm	1000mm x 92.2mm x 50mm
AFLJS100	Astro Linear Joint Seal 76-100mm	1000mm x 129mm x 100mm

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size
Typical example:- 10 / AFLJS25 / Astro Linear Joint Seal 10-25mm / 1000mm x 33.6mm x 50mm

>> 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

For further information on installation requirements please refer to the wall/floor specification to ensure the compatibility of this product, if in doubt please contact the technical team with the wall/floor specification on: T: 01329 844 500 or E: 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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