

Product Data Sheet

Astro EJ Seal

Revision 10 - 11th March 2021



Astro EJ Seal

Intumescent Expansion Joint Seals

- Testing in accordance with BS 476pt 20/22 – Fire Resistance – 120 minutes Integrity.
- IET (IEE) 17th Edition Fire Stop Compliant to Regulation 527.1-3 – Electrical Installations.
- BS 7671-2008 Chapter 42&52 – Electrical Installations Fire Resistance.
- Tested in accordance with EN10140-2: 2010 - Airborne Sound.
- Tested in accordance with EN1026:2000 - Air Permeability.
- To reinstate fire resistance through walls and floors - linear seals.
- Movement joints +/-25%.
- For internal use.



Product Description

Astro EJ Seal is an intumescent thermoplastic filled with flame retardants and binders which provide a high performance volume expansion and pressure seal situated in an elastomeric, acoustic rated foam which allows for high movement. They can be used in:

- Rigid Walls
- Rigid Floors

Properties and Specification

Colour	Black
Density	75Kg/m3
Fire Resistance	Tested in accordance with BS 476 Part 20: 1987
Acoustic Performance	Acoustic Reduction up to 8Rw, 18DnTW
Air Permeability	200Pa EN 1026 - 100Pa 1581/1590 m3/h/m2
Expansion Ratio	1:20 Times
Maximum Size of Apperture	150mm
Seal Length	1000mm
Movement Capability	+/- 25%
Once compressed EJ Seal will return to original size	

Product Availability

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

2 Hour Fire Rating

Product Code	Product Description	Gap Size	Size	Integrity
AFEJ10/120	Astro EJ Seal 10mm	Up to 10mm	12x12mm	120mins
AFEJ20/120	Astro EJ Seal 20mm	11 – 20mm	29x12mm	120mins
AFEJ25/120	Astro EJ Seal 25mm	21 – 25mm	32x20mm	120mins
AFEJ35/120	Astro EJ Seal 35mm	26 – 35mm	53x20mm	120mins
AFEJ50/120	Astro EJ Seal 50mm	36 – 50mm	61x35mm	120mins
AFEJ60/120	Astro EJ Seal 60mm	51 – 65mm	85x40mm	120mins
AFEJ75/120	Astro EJ Seal 75mm	66 – 75mm	90x50mm	120mins
AFEJ100/120	Astro EJ Seal 100mm	76 – 100mm	126x100mm	120mins
AFEJ120/120	Astro EJ Seal 120mm	101 – 120mm	147x125mm	120mins
AFEJ150/120	Astro EJ Seal 150mm	121 – 150mm	170x100mm	120mins

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size
 Typical example:- 10 / AFEJ10/120 / Astro EJ Seal 10mm 120 min Rated / 12x12mm

>> Tel: [01329 844 500](tel:01329844500) 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](tel:01329844500) 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](tel:01329844500) 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](tel:01329844500) or E: sales@astroflame.com

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