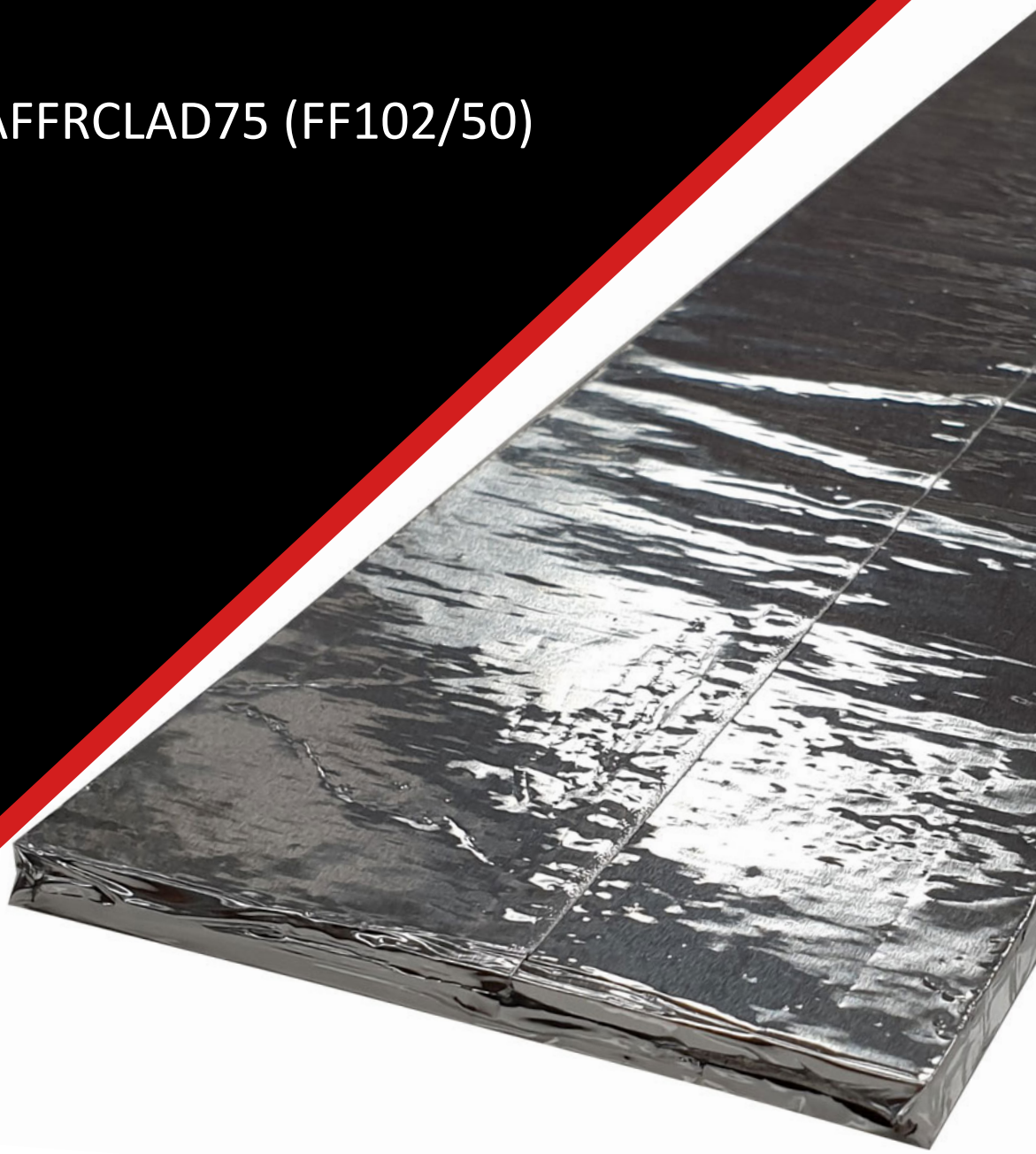
ASTROFLAME
PASSIVE FIRE STOP SYSTEMS

Product Data Sheet

Astro Clad - AFFRCLAD75 (FF102/50)

Revision 8 - 23rd January 2025



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Astro Clad - AFFRCLAD75 (FF102/50)

Ventilated Fire Barriers To Suit Up To 50mm Cavities



- An “open state” cavity fire barrier for use horizontally within uninsulated, ventilated and drained cavities.
- Fire Rated for up to 120 minutes for both integrity and insulation when tested to the general principles of BS EN 1363-1 following ASFP TGD 19 guidance.
- 3rd party certification from IFC (Held by manufacturer).
- Tested for : Timber Frame, SFS, Concrete, Masonry, Render Systems & External Weatherboards.
- Ventilated design – developed to allow maximum ventilation and drainage of cavities reducing the need for cavity trays or weepholes.
- Suitable for “open-state” ventilated cavities up to 50mm wide.
- Provided in strips of 1m long, 75mm wide and 6mm thick.
- Lightweight - designed to be easily and quickly installed.
- No maintenance required after installation.



Product Description

Astroflame’s Astro Clad - AFFRCLAD75 (FF102/50), Ventilated Cavity Fire Barriers, are manufactured from a low smoke zero halogen high expansion intumescent material. They are designed to be installed horizontally to reinstate fire resisting performance to external wall cavities that are required to be ventilated (open-state) in non-fire conditions.

The Astro Clad - AFFRCLAD75 (FF102/50) is manufactured from a rigid intumescent material allowing it to be provided in a strip format, it is also covered with a protective layer of aluminium foil for ease of handling.

In the event of a fire the Astro Clad - AFFRCLAD75 (FF102/50) intumescent material will expand to close the external wall cavity, providing effective fire resistance, for integrity and insulation for up to 120 minutes depending upon the construction of the external walls.

The Astro Clad - AFFRCLAD75 (FF102/50) is designed for use within cavities of up to 50mm and once installed will close the remaining free air gap in front of the 6mm cavity barrier of up to a maximum of 44mm (depending on construction type).

Product Availability

The Astro Clad - AFFRCLAD75 (FF102/50) – To suit up to 50mm cavities

Product Code	Product Description	Size
AFFRCLAD75	Astro Clad - AFFRCLAD75 (FF102/50)	75mm x 6mm x 1000mm encased in foil

To Order & Specify

Please contact us and quote the following information - Quantity / Product Description / Product Code / Size
Typical example:- 10 / Astro Clad - AFFRCLAD75 (FF102/50) / AFFRCLAD75 / 75mm x 6mm x 1000mm encased in foil

>> 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 the relevant 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

Astro Clad - AFFRCLAD75 (FF102/50) Ventilated Fire Barrier 'Open State' Cavity Barriers are designed to prevent fire spread and provide compartmentalisation in the external façade. It is essential that the correct fire barriers are specified and installed, therefore please review the Field of Application Reports seen at the bottom of the product page to ensure the product is suitable for your application.

The manufacturer of this product no longer offers Free of charge technical advice on cavity barriers. If **advance technical advice** is required this can still be provided but at a cost of **£400 payment in advance**. If this service is needed please contact tel: 01329 844 500 or email: sales@astroflame.com

We would always recommend that the client seeks approval for the use of **ALL cavity barriers** from the project's principal designer/building control officer and/or the projects fire engineer before proceeding to purchase the product.

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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The above information to the best of our knowledge is true and accurate and based upon current test data and is supplied for your guidance only. Customers should satisfy themselves to the suitability of the product based on the products limitation of applications and that the product is fit for purpose for their intended use and no guarantee is given or implied since the conditions of actual use are beyond our control. ASTROFLAME (FIRE SEALS) LTD, disclaim any liability for loss, damage or other expense arising from the use of information, data or products mentioned or referred to and reserve the right to change any details or specifications without notice. If you are in any doubt as to the suitability of this product for your intended application please contact our technical team on 01329 844500 or email sales@astroflame.com and we will contact you.