

Product Data Sheet

Astro Clad - AFFRCLADX (VFB Plus)

Revision 4 - 20th December 2021



Astro Clad - AFFRCLADX (VFB Plus)

Ventilated Fire Barriers To Suit From 60mm Up To 450mm Cavities

- To suit from 60mm up to 450mm cavities.
- Typical Fire Ratings of minimum 30 to 60 minutes Integrity and Insulation.
- Higher Fire Ratings available dependent on application.
- Maintains a 44mm air gap.
- Up to 450mm cavities tested.
- Standard thickness of 75mm.
- Durability and Age Tested.
- Fixing brackets included as standard.



Product Description

Astroflame's Astro Clad - AFFRCLADX (VFB Plus) Ventilated Fire Barriers are 'open state' cavity fire barriers for ventilated cavities of up to 450mm. Each Astro Clad - AFFRCLADX (VFB Plus) consists of a specially formulated fire rated stone mineral wool section with an integral high expansion intumescent seal fixed to the leading edge.

The Astro Clad - AFFRCLADX (VFB Plus) then leaves a maximum 44mm air gap to allow for drainage and maintain ventilation in normal use. In a fire situation the intumescent seal rapidly expands to seal off the air gap and prevent vertical fire spread within the external wall.

The product has undergone extensive fire testing following the principles of BS EN1363-1 and in accordance with ASFP TGD19 (Fire Resistance Test for 'Open-State' Cavity Barriers). The Astro Clad - AFFRCLADX (VFB Plus) are mechanically fixed horizontally within ventilated cavities behind the external wall substrate following the fire compartment line.

The Astro Clad - AFFRCLADX (VFB Plus) are used horizontally and can be installed in conjunction with Astroflame's Astro Clad - AFFRCLADNVFB (NVFB) Non-Ventilated Fire Barriers which provide vertical fire separation along fire compartment party wall lines.

Product Availability

The Astro Clad - AFFRCLADX (VFB Plus) - To suit from 60mm up to 450mm cavities.

Product Code	Product Description	Size
AFFRCLADX	Astro Clad - AFFRCLADX (VFB Plus)	Thickness (Total Cavity less 44mm Air Gap) x 75mm x 1000mm - encapsulated in red polythene

To Order & Specify

Please contact us and quote the following information - Quantity / Product Description / Product Code / Size
Typical example:- 10 / Astro Clad - AFFRCLADX (VFB Plus) / AFFRCLADX / Thickness (Total Cavity less 44mm Air Gap) x 75mm x 1000mm - encapsulated in red polythene

>> 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 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

This product can only be supplied once the cladding enquiry form has been completed and approved by the manufacturer: Click the following link to download the: [Cavity Barrier Form](#)

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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