ASTROFLAME
PASSIVE FIRE STOP SYSTEMS

Product Data Sheet

Astro PFP FR Coating

Revision 6 - 16th June 2025



CE
ETA - 21/0029
CE-2531-CPR-CXO10146

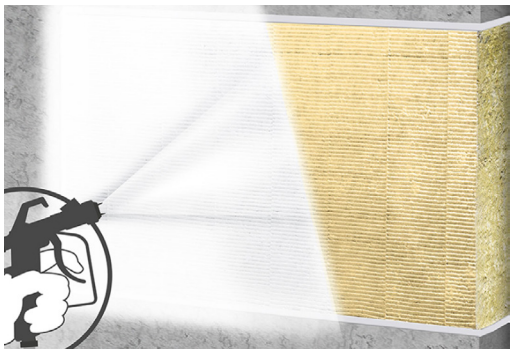
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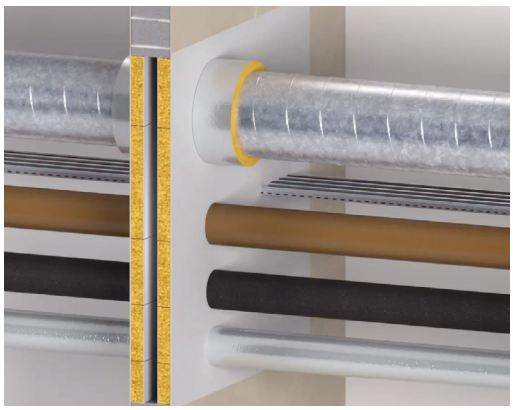
Astro PFP FR Coating

Ablative Sealant Coating



- For use with Astro PFP FR Board system.
- Easy to retrofit additional building services after installation.
- Non Toxic & Emission Free not harmful to you.
- Permanently flexible - will accommodate movements during fire and smaller movements in the construction it has been fitted within.
- Suitable for most surfaces, including concrete, bricks, masonry, steel, wood, gypsum, glass, plastics and most non-porous surfaces.
- May be installed in gypsum walls without framing around the opening.
- Halogen free with added fungicides.
- Once fully cured, the coated board resists water and frost.





Product Description

Astro PFP FR Coating spray grade, is an ablative sealant coating designed to enhance, seal and fire protect stonewool fibres in Astro PFP FR Boards. It is based on a durable polymer system with inert fillers, non-halogenated fire retardants and a preservative to resist microbial attack.

Astro PFP FR Coating is designed to be applied via spraying directly onto stonewool fibres. The coating dries to give a sound, flexible white surface finish. During installation of Astro PFP FR Boards, the cured sealant coating reduces de-lamination and increases surface stability for adhesive and fixing sealant application.

The ablative property of the coating resists flame spread and protects the stone wool fibres against fire penetration by significantly reducing the permeability of the stone wool fibre core and prevents the passage of hot gases, thus reducing the temperature rise on the unexposed side and reducing heat conduction through the building services.

Astro PFP FR Boards coated with Astro PFP FR Coating are designed to prevent the spread of fire and smoke through openings in fire rated walls and floors, also where openings are formed to allow the installation of multiple building services. The system will also maintain the acoustic design performance.

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ETA - 21/0029
EAD 350454-00-1104
ASTRO PFP
FR COATING

"See ETA - 21/0029 for Relevant characteristics"

Emission Data (indoor air quality)

Compound	Emission rate after 4 weeks
TVOC	0.20 mg/m²h
Formaldehyde	n.d.
Ammonia	n.d.
Carcinogenic	n.d.
n.d. means not detected	

Astro PFP FR Coating complies with the requirements of BREEAM according to the M1 Protocol for Chemical and Sensory Testing of Building Materials as published by RTS version 15.12.2004 which is the best possible environmental and indoor hygiene health protection mark for coatings. Tested by Eurofins Product Testing, report number 392-2014-00000407B.

NB. For penetration seals, please see the Installation Instructions for Astro PFP FR Board.

Technical Data

Form	Ready to use viscous paste
Cure system	Water loss
Colour	White
Non-sticky	Max. 75 minutes (sealant)
Film forming	Max. 25 minutes (sealant)
Totally hardened	3 to 5 days depending on thickness and temperature
Flexibility	High; > 25%
Specific Gravity	1.3 – 1.4
pH	8.5 - 9.2
Flash point	None
Solids Content	> 58 %
Temperature range	-30°C to +80°C (when hardened)
Application temp.	+5°C to +50°C
Shelf life	Up to 12 months when stored in unopened containers under cool dry conditions. AVOID FROST and extremes of temperature. Stored in temperatures between 5˚C and 30˚C

Availability

Product Code	Product Description	Weight
AFPFPC	Astro PFP FR Coating	8 Litres

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size
Typical example:- 25 / AFPFPC / Astro PFP FR Coating / 8 Litres

>> 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 manufacturer of the services and the wall/floor specification to ensure the compatibility of this product, if in doubt please contact the technical team with services and 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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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.