

# Product Data Sheet

## Astro PFP FR Coating

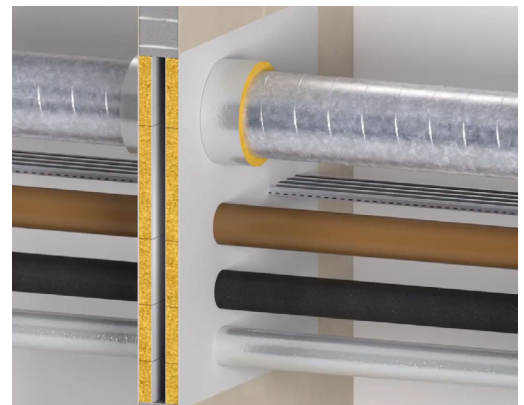
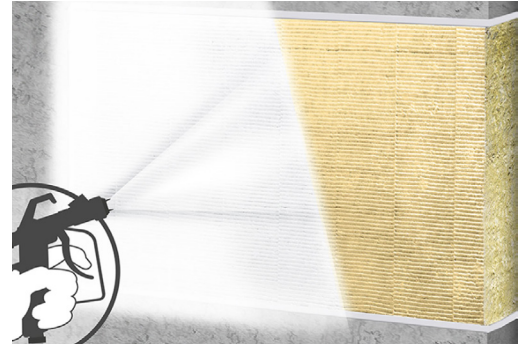
Revision 2 - 8th April 2020



## 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 used in unlimited lengths in walls with heights up to 1200mm and in floors with widths up to 120 mm.
- 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.



Astroflame Fireseals Ltd  
Unit 8 I.O Centre  
Stephenson Road  
Segensworth, Fareham  
Hampshire, PO15 5RU  
19  
CE-0843-CPR-0538

ETA - 19/0727  
EAD 350454-00-1104  
ASTRO PFP  
FR COATING  
" See ETA - 19/0727 for  
Relevant characteristics

**Emission Data (indoor air quality)**

Compound	Emission rate after 4 weeks
TVOC	0.20 mg/m <sup>2</sup> h
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
Totally hardened	3 to 5 days depending on thickness and temperature
Flexibility	Low to medium, 12.5%
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.	+10°C to +30°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
Durability	Up to 25 years when used as recommended

**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](tel:01329844500) or >> Email: [sales@astroflame.com](mailto:sales@astroflame.com)

**Installation**

Please see installation sheet - This can be requested from our sales team T: [01329 844 500](tel:01329844500)  
or E: [sales@astroflame.com](mailto: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](mailto:sales@astroflame.com)

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