ASTROFLAME
PASSIVE FIRE STOP SYSTEMS

Product Data Sheet

Astro PS Coat

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UK CA
0843-UKTA-24/0046
0843-CPR-1393

CE
CE-ETA - 20-1087
CE-2531-CPR-CXO10293

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Astro PS Coat

Penetration Seal Coating



- Can be spray, brush or trowel applied.
- Suitable for indoor use without additional environmental protection.
- Remains flexible between -5°c to +70°c.
- Easy to use fibre free coating.
- Suitable for large openings in walls with additional supports.
- Internal use - ETAG 026-3 (used as European Assessment Document EAD) Type Z_1.
- Can be installed onto uncoated stone wool of a minimum thickness of 50mm and a minimum density of 140kg/m^3.
- Tested in accordance with EN1366-3:2009 - Fire Resistance - Penetration Seals.
- Classified in accordance with EN13501-2 - Fire Resistance.
- CE & UKCA Marked.
- Tested in accordance with EN10140 - Airborne Sound.
- Tested in accordance with EN1026 - Air Permeability.

Product Description

Astro PS Coat is an ablative, highly advanced flexible coating used to apply to uncoated stonewool boards to reinstate the fire resistance performance of wall and floor constructions where apertures are penetrated by single or multiple services.

Astro PS Coat is tested and Certified as part the Astroflame Fire Stopping range. When Astro PS Coat is applied to uncoated stonewool of the correct density it can be installed across a variety services and substrates including,

- Flexible and Rigid Walls
- Rigid Floors
- Multi-Service penetrations
- Blank Openings
- Head of Walls

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CE

CE-2531-CPR-CXO10293
CE-ETA - 20/1087
ETAG 026 - Part 1 & 2
ASTRO PS COATING
"See ETA - 20/1087 for relevant characteristics"

UK CA

0843-CPR-1393
0843-UKTA-24/0046
ASTRO PS COATING
"See UKCA - 24/0046 for relevant characteristics"

Properties & Specification

Description	Result	Test Standard
Description	Water based flexible acrylic coating	
Colour	White	
Density	1.45– 1.55 g/cm³	ISO 2811-1:2011
Cure Rate	0.5mm per day at 50% relative humidity 23°C	
Tack Free	6hrs at 23°C, 50% RH	
Application Temperature	+0°C to +30°C.	
Coating Thickness	2.5mm Nominal, wet coating thicknes	
PS Coating Coverage	2.8kg/m², 2.24L/m²	
Fire Resistance	EI 60, EI 120	EN1366-3, EN1366-4
Classification	EN 13501-2	
Acoustic Isolation	51dB when installed with 100mm thick 140kg/ m3 stone wool.	EN 10140
Air Permeability	600 Pa EN 1026 - 100Pa 1.8/1.4 m³/h/m²	EN 1026
Container Size	5kg	
Spray Pressure	Machine 90psi / Tip 6000psi / Tip Size 0.85mm	
Installation Specification	50mm Stone Wool - EI 60 100mm Stone Wool - EI 120	EN 1366-3
VOC % Nonaqueous volatiles (105°C)	4.9	LEED
Expected Shelf Life	12 months	Store in accordance with packaging instructions

Product Availability

Astro PS Coating - Sold per 5 Kilo Tub.

Product Code	Product Description
AFPSCOAT	Astro PS Coat

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description
Typical example:- 10 / AFPSCOAT / Astro PS Coat

>> 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/UKCA 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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