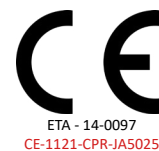


# Product Data Sheet

## Astro PS Coat

Revision 5 - 28th January 2019



## Astro PS Coat

### Penetration Seal Coating

- CE Marked & UL-EU Listed.
- Fire Resistance Testing to EN 1366-3 : 2009.
- Fire Classification to EN 13501-2.
- Air Permeability testing to EN 1026.
- Acoustic Isolation testing to EN 10140.
- Remains flexible between -5°C to +70°C.
- Easy to use fibre free coating.
- Life expectancy of over 25 years.
- Can be spray, brush or trowel applied.
- Tested in Block Wall, Concrete, Masonry and Plasterboard Partition
- Allows user to choose the stone wool substrate (min requirement equal or greater than 140kg m<sup>3</sup> min 50mm thick).
- Used seal penetration seals with on-site coating applications.



#### Product Description


Astro Penetration Seal Coat is a thicker formulation, for brush application, to coat plain stone wool as it is being installed by the user: it can also be applied to insulation already in place on the services, adding to the fire resistance of the seal.

It prevents the passage of fire, air and sound between fire rated compartments and has been tested in block wall, concrete, masonry and plasterboard partition.

Astro PS Coat is a water-based, acrylic, ablative coating with excellent fire, air permeability and elastomeric properties.

At normal temperatures PS Coating remains flexible to permit thermal and mechanical movement of services and the building structure.

Astro PS Coat has been tested to EN1366-3 EI60 when applied to pre-fitted stone fibre equal or greater than 140kg/m<sup>3</sup> density and equal or greater than 50mm thickness.

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| <br><b>1121</b>   |
| Astroflame Fireseals Ltd<br>Unit 8 The I O Centre<br>Stephenson Road<br>Segensworth, Fareham<br>Hampshire, PO15 SRU<br>14<br>1121-CPR-JA5025 |
| ETA-14/0097<br>ETAG 026 – Part 1<br>ETAG 026 – Part 2<br>ASTRO PS COATING<br><br>“see ETA-14/0097 for<br>relevant characteristics”           |

### Properties & Specification

|                             |  |
|-----------------------------|--|
| Description                 | Water based flexible acrylic coating   |
| Colour                      | White  |
| Specific Gravity            | 1.45– 1.55 g/cm <sup>3</sup>   |
| Fire Resistance/ Insulation | EN 1366-3 EI 60  |
| Classification              | EN 13501-2   |
| Acoustic Insulation         | EN 10140 51dB when installed with 100mm thick 140kg/m <sup>3</sup> stone wool. |
| Air Permeability            | 600 Pa EN 1026 - 100Pa 1.8/1.4 m <sup>3</sup> /h/m <sup>2</sup>                |
| Shelf Life                  | 12 Months  |
| Cure Rate                   | 0.5mm per day at 50% relative humidity 23°C                                    |
| Tack Free                   | 6 hrs at 23°C, 50% RH  |
| Application Temperature     | -5°C to +40°C  |
| Coating Thickness           | 1mm Nominal, wet coating thickness   |
| Installation Specification  | 50mm stone wool - EI 60 - EN 1366-3<br>100mm stone wool - EI 120 - EN 1366-3   |

### Product Availability

Astro PS Coating - Sold per 5 Kilo Tub.

| Product Code | Product Description |
|--------------|---------------------|
| AFPSCOAT     | Astro PS Coat       |

### Compliance

Astro PS Coat is manufactured in the EU, meeting the highest quality standard in compliance to ISO EN 9001. For fire test certification and technical advice contact Astroflame technical department.

### 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](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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