

# Product Data Sheet

## Astro Coat - Spray Grade

Revision 3 - July 2018



## Astro Coat - Spray Grade

### Ablative Coating

- CE Marked, UL-EU Listed & Certifire Approval.
- Fire Resistance Testing to EN 1366-3 EI60, EI 90, EI 120
- Fire Classification to EN 13501-2
- Fire Resistance Testing to BS 476 240 minutes
- Flexibility and LOI tested –ASTM D522 & ISO 4589-2:1996
- Air Permeability testing to EN 1026 to 600Pa.
- Acoustic Isolation testing to EN 10140 to 63dB.
- Remains flexible between -5°C to +70°C.
- Easy to use fibre free coating.
- Suitable for large openings in walls and floors with additional supports.
- Life expectancy of over 25 years.
- Flexible and water resistant.
- Contributes to Green Building.



### Product Description

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

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


Fire protects service penetration openings containing metallic pipes, cables, cable trays, heating & ventilation ducts and trunking. Can be used to coat service insulation as part of the sealing system.

At normal temperatures the coating remains flexible to permit thermal and mechanical movement of services and the building structure. (If you need a very flexible coating see FLEXI-COAT).

Astro Coat is a thinner formulation for use with ASTRO BATT fire board, to seal the edges around the services and between the substrate and the batt before installation. Application is by spray, or brush or pouring applications. (Trowel Grade is also available).

Suitable for large openings in walls and floors with additional supports.

Fire Resistant testing to EN 1366-3 - EI 60, EI 90, EI 120, BS 476 - 240mins.

 <b>1121</b>
Astroflame Fireseals Ltd Unit 8 The I O Centre Stephenson Road Segensworth, Fareham Hampshire, PO15 5RU 14 1121-CPR-JA5026
ETA-14/0099 ETAG 026 – Part 1 ETAG 026 – Part 2 ASTRO BATT ASTRO COATING “see ETA-14/0099 for relevant characteristics”

### Properties & Specification

Description	Water based flexible acrylic coating
Colour	White
Specific Gravity	1.25 – 1.3 g/cm <sup>3</sup>
Fire Resistance	EN 1366-3 - EI 60, EI 90, EI 120, BS 476 240mins
Insulation	EN 1366-3 120mins
Classification	EN 13501-2
Acoustic Insulation	EN 10140 49dB when installed with 50mm Astro Batt. EN 10140 63dB when installed with 2 x 50mm Astrol Batts & PB insert.
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	+0°C to +30°C
Coating Thickness	1mm Nominal, wet coating thickness
LOI	26.7 ISO 4589-2:1996

### Product Availability

Astro Coat - Spray Grade - Sold per 5 Kilo Tub.

Product Code	Product Description
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AFBCOAT5L	Astro Coat - Spray Grade
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### Compliance

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

### To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description  
Typical example:- 10 / AFBCOAT5L / Astro 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)

### Fire Test or Assessment Reports

Low VOC (air quality).  
No Power Tools required for installation (no energy source required).  
Dust free.  
No water pollution.  
Smoke and Air Tightness.  
Water Tightness.  
Noise Reduction.  
Thermal Insulation.  
Recycling of Packaging.  
Avoidance of Air Filtration.  
Does not emit halogenated by-products.  
Life cycle of over 25 years.

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