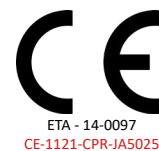


Product Data Sheet

Astro PS Coat

Revision 3 - July 2018



Astro PS Coat

Penetration Seal Coating

- CE Marked & UL-EU Listed.
- Fire Resistance Testing to EN 1366-3 EI30, E60.
- Fire Classification to EN 13501-2.
- Air Permeability testing to EN 1026 to 600Pa.
- Acoustic Isolation testing to EN 10140 to 51dB.
- Remains flexible between -5°C to +70°C.
- Easy to use fibre free coating.
- Life expectancy of over 25 years.
- Flexible and water resistant.
- Contributes to Green Building.
- Flexibility and LOI tested –ASTM D522 & ISO 4589-2:1996.
- 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 m³ min 50mm thick).
- Fire and smoke seal up to 60 mins.
- 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, smoke, 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 EI30,EI60 when applied to pre-fitted stone fibre equal or greater than 140kg/m³ density and equal or greater than 50mm thickness.

 1121
Astroflame Fireseals Ltd Unit 8 The IO Centre Stephenson Road Segensworth, Fareham Hampshire, PO15 5RU 14 1121-CPR-JA5025
ETA-14/0097 ETAG 026 – Part 1 ETAG 026 – Part 2 ASTRO PS COATING "see ETA-14/0097 for relevant characteristics"

Properties & Specification

Description	Water based flexible acrylic coating
Colour	White
Specific Gravity	1.45– 1.55 g/cm ³
Fire Resistance	EN 1366-3 EI 60
Insulation	EN 1366-3 60mins
Classification	EN 13501-2
Acoustic Insulation	EN 10140 51dB when installed with 100mm thick 140kg/m ³ stone wool.
Air Permeability	600 Pa EN 1026 - 100Pa 1.8/1.4 m ³ /h/m ²
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
Spray Pressure	Machine 90psi / Tip 6000psi / Tip Size 0.85mm
Installation Specification	50mm stone wool - EI 60 - EN 1366-3 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

Installation

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