

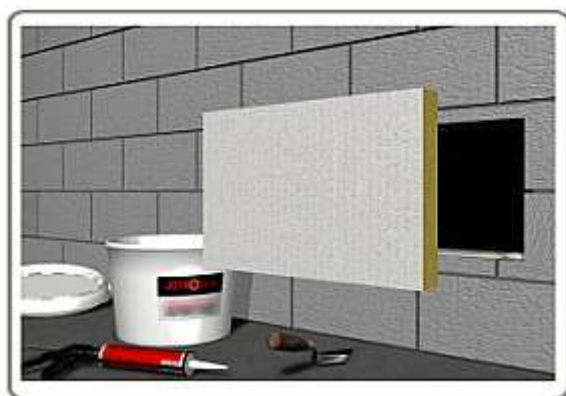
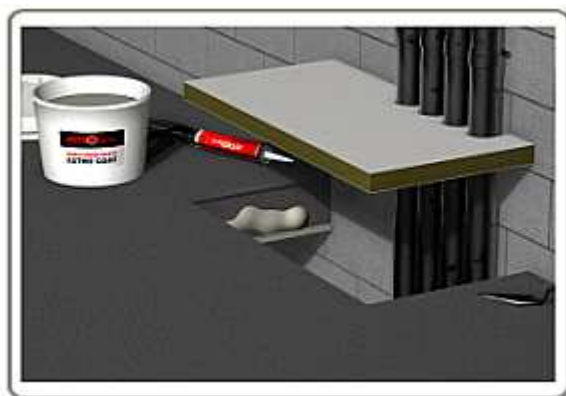
Trade Name: PENETRATION SEAL COATING

Astro PS Coat.

CE Marked
UL-EU Listed



- Fire Resistance Testing to EN 1366-3 EI30, E60
- Fire Classification to EN 13501-2
- IET (IEE) 17th Edition Fire Stop Compliant to Regulation 527.1-3 - Electrical Installations.
- BS 7671-2008 Chapter 42 & 52 - Electrical Installations Fire Resistance.
- 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
- 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
- Flexibility and LOI tested -ASTM D522 & ISO 4589-2:1996
- Can be spray, brush or trowel applied
- Tested in Block Wall, Concrete, Masonry, Plasterboard Partition, Composite Panel and Durasteel Wall
- Allows user to choose the stone wool substrate
- Fire and smoke seal up to 240 mins
- Used seal penetration seals with on-site coating applications



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, plasterboard partition, composite panel, durasteel wall and concrete floors.

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



1121

Astroflame Fireseals Ltd
Unit 8 The I O Centre
Stephenson Road
Segensworth, Fareham
Hampshire, PO15 5RU

14

1121-CPR-JA5025

ETA-14/0097

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 of 140kg/m³ density and 50 to 150mm thickness.

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 1366-4 EI 60
Insulation	EN 1366-3 120mins
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	2.5mm Nominal, wet coating thickness
PS Coating Coverage	2.8kg/m ² , 2.24L/m ²
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

Availability

ASTRO PS COATING - Sold per 5 Kilo Tub.

To Order & Specify

Please quote:	Quantity	Trade name	Product ref
Typical wording	10	ASTRO PS COAT	AFPSCOAT

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 advice contact Astroflame technical department.

Health and Safety

Use rubber gloves and eye protection to avoid skin and eye contact.
Keep out of reach of children.
Does not emit halogen or other toxic gases when exposed to flame.
Normal good industrial and personal hygiene practices should be observed.

Environmental Impact

Low VOC (air quality).
No Power Tools required for installation (no energy source required).
Dust free.
Low Ozone Depletion Potential (ODP).
Low Global Warming Potential (GWP).
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.

As part of our policy of ongoing improvements, we reserve the right to modify, alter or change product specifications without giving notice. Product illustrations are representations only. All information contained in this document is provided for guidance only, and as ASTROFLAME FIRESEALS LTD has no control over the installation methods of the products, or of the prevailing site conditions, no warranties expressed or implied are intended to be given as to the actual performance of the products mentioned or referred to, and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given of products mentioned or referred to herein.

The above information to the best of our knowledge is true and accurate and based upon current test data and is supplied for your guidance only. Customers should satisfy themselves to the suitability of the product in its intended use and no guarantee is given or implied since the conditions of actual use are beyond our control. ASTROflame (Fireseals) Ltd, disclaim any liability for loss, damage or other expense arising from the use of information, data or products mentioned or referred to and reserve the right to change any details or specifications without notice.

Astroflame (Fire Seals) Ltd. Intumescent House
Unit 8, The IO Centre, Stephenson Road, Segensworth
FAREHAM, ENGLAND PO15 5RU

tel 0800 023 2482
(01329 844500)

fax 0800 023 2483
(01329 844600)

intl
tel +44 1329 844500

fax +44 1329 844600

email sales@astroflame.com

[Homepage.](#)