
Trade Name: ASTRO COAT - SPRAY GRADE
Ablative Coating.



CE Marked
UL-EU Listed
Certifire Approval

Fire Resistance Testing to EN 1366-3 EI60,
E90, E120

Fire Classification to EN 13501-2

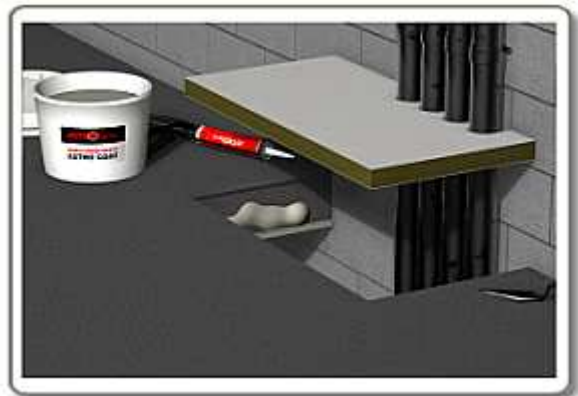
Fire Resistance Testing to BS 476 240 minutes

Flexibility and LOI tested -ASTM D522 &
ISO 4589-2:1996

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 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



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 E 90, E 120, BS 476 - 240mins.



Properties & Specification

Description	Water based flexible acrylic coating
Colour	White
Specific Gravity	1.25 - 1.3 g/cm ³
Fire Resistance	EN 1366-4 EI 60, E 90, E 120 - BS 476 240mins
Insulation	EN 1366-4 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 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
Astro Coat Coverage	2.8kg/m ² , 2.24L/m ²
LOI	26.7 ISO 4589-2:1996

Availability

ASTRO COAT - Sold per 5 Kilo Tub.

To Order & Specify

Please quote:	Quantity	Trade name	Product ref
Typical wording	10	ASTRO COAT	AFBCOAT5L

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.

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.

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

tel 0800 023 2482 fax 0800 023 2483
(01329 844500) (01329 844600)

intl fax +44 1329 844600
tel +44 1329 844500

email sales@astroflame.com

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