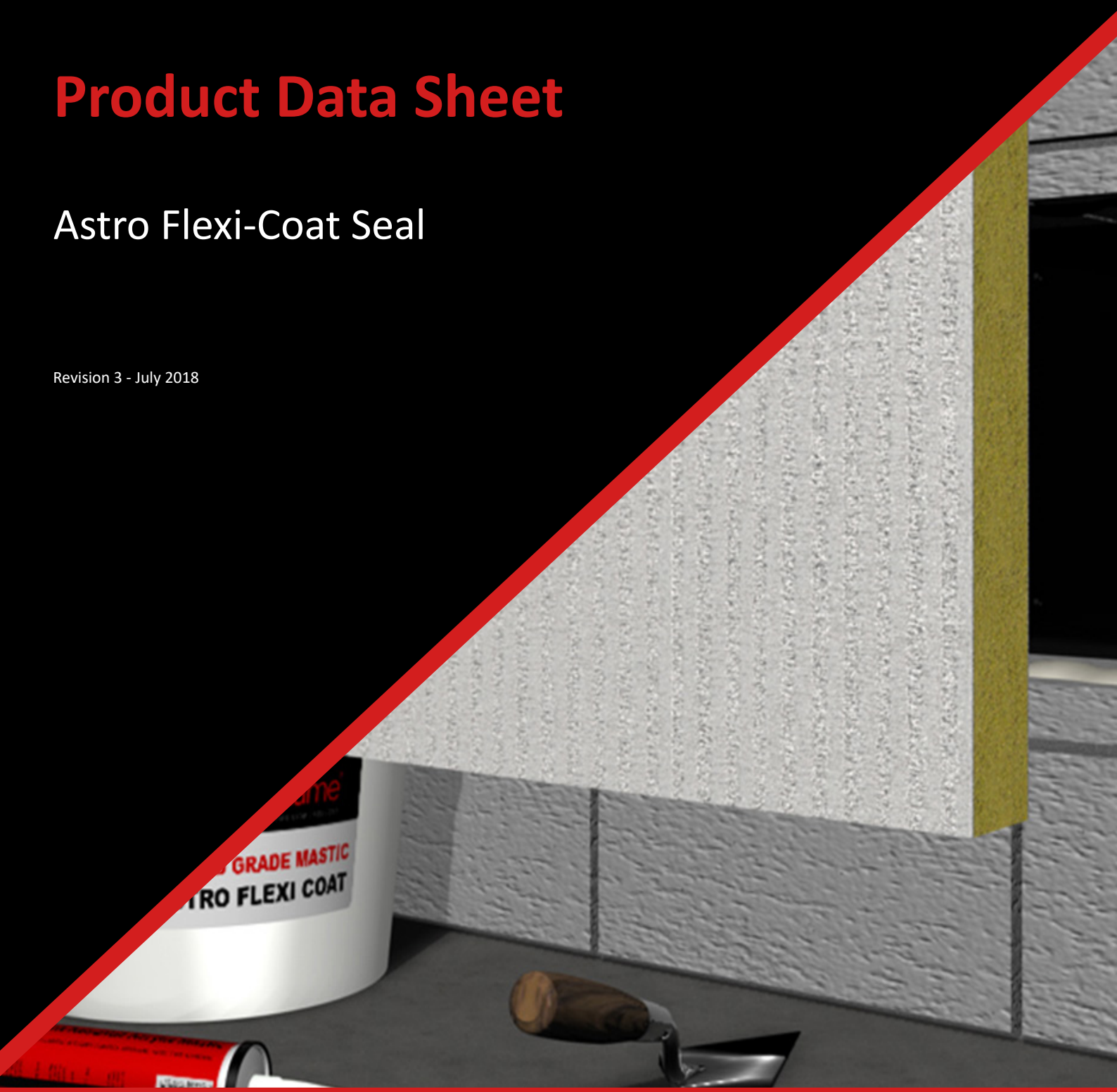


Product Data Sheet

Astro Flexi-Coat Seal

Revision 3 - July 2018



Astro Flexi-Coat Seal

Fire Resistant Flexible Coating

- Up to 2 hours fire resistance.
- Smoke, acoustic, air and water barrier.
- Offers 50% joint flexibility between -10 to +95 °C.
- Fire Resistance EN 1366-3 EI120, EN 1366-4 EI 120
- Fire Classification EN 13501-2
- Acoustic Isolation EN 10140 to 52dB
- Air Permeability EN 1026 to 600Pa
- Water Permeability EN 1027 to 450Pa
- VOC Tested ASTM D2369-10, LEED 2009-EQ 041 SCAQMD
- Suitable for indoor use without additional environmental protection.
- Withstands high pressure water and air.
- Dynamic movement testing 500 cycles per 30 minutes.
- Can be spray, brush, pour or trowel applied.



- Ideal for slab edge applications, head of wall and movement installations.
- Suitable for voids up to 500mm wide.
- Ideal for spray, trowel, brush & pourable application.
- Highly flexible and water resistant

Product Description


Flexi-Coat has been developed for use on a stone wool or elastomeric base.

Flexi-Coat remains highly flexible to permit thermal and mechanical movement of services and the buildings structure.

Once the Flexi-Coat is applied it prevents the passage of fire, smoke and sound between fire rated compartments giving a fire resistance tested to BSEN 1366-3 - EI 120 and BSEN 1366-4 EI 120.

Flexi-Coat has also achieved 600Pa air permeability resistance testing to EN1026 and 450Pa water permeability resistance testing to EN 1027.

Tested with metallic pipes, cables, cable bunches, Cable Trays and Cable Ladders and causes no deleterious effects to plastic pipes, plastic cables, sheathing or metallic components

 1121
Astroflame Fireseals Ltd Unit 8 The IO Centre Stephenson Road Segensworth, Fareham Hampshire, PO15 5RU 14 1121-CPR-JA5014
ETA-14/0048 ETAG 026 – Part 1 ETAG 026 – Part 3 ASTRO FLEXI COAT SEAL
"see ETA-14/0048 for relevant characteristics"

Properties & Specification

Optimum solution for the sealing of the slab edge to the external cladding system - offering high movement capabilities. Install on base of 80kg/m³ stone wool for flexible installations.

Can be installed in to voids / cavities up to 500mm wide. Flexi-Coat is a water based elastomeric acrylic coating, having excellent fire, water, air permeability and elastomeric properties offering up to 50% movement. Ideal for spray, trowel, brush & pouring applications. Halogen free. Unaffected by oil. Resists vermin and fungi. Contributes to Green Building.

Can be used in conjunction with our FLEXI BOARD.

Description	Water based flexible acrylic coating
Colour	White
Density	1.25 – 1.3 g/cm ³
Cure Rate	0.5mm per day at 50% relative humidity 23°C
Tack Free	6hrs at 23°C, 50% RH
Coating Thickness	1mm Normal, wet coating thickness
Fire Resistance	EN 1366-4 EI 120 & EN 1366-3 EI 120
Insulation	EN 1366-4 EI 120 & EN 1366-3 EI 120
Classification	EN 13501-2
Acoustic Isolation	EN 10140 43dB when installed with 100mm thick 80kg/m ² stone wool. EN 10140 52dB when installed with 200mm thick 80kg/m ² stone wool.
Air Permeability	600 Pa EN 1026 - 100Pa 0.4/1.5 m ³ /h/m ²
Water Permeability	450 Pa EN 1027 - No Leakage
Container Size	7.4 Litre.
Movement	500 cycles per 30 mins - 50% expansion and compression

Flexi-Coat has undertaken dynamic movements tests in excess of 500 per 30 mins cycles extending to 150mm and compressing to 80mm. After 1000 cycles there was no visible or physical deterioration of the Flexi-Coat.

Product Availability

Astro Flexi-Coat Seal: 7.4 Litre Pail. For long term storage and ease of installation it is recommended that it should be stored indoors, in dry conditions. Storage temperature between -5°C and +25°C. Shelf life 12 months from date of manufacture.

Product Code	Product Description	Colour
AFBFLEXICOAT	Astro Flexi-Coat Seal	White

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description
 Typical example:- 5 / AFBFLEXICOAT / Astro Flexi-Coat Seal

>> 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

- Fire Resistance EN 1366-4 EI120, EN 1366-4 EI 120
- Fire Classification EN 13501-2
- Certifire 3rd Party Accreditation
- Acoustic Isolation EN 10140 to 52dB
- Air Permeability EN 1026 to 600Pa
- Water Permeability EN 1027 to 450Pa
- Dynamic movement testing 500 cycles per 30 minutes.

Fire Test or Assessment Reports

Flexi-Coat Seal contributes to a Green Building :-
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.
Contains no halogens or asbestos.
Contains no raw materials known to have an estrogenic effect.
The life cycle of Flexi-Coat Seal is over 25 years.

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