

Product Data Sheet

Astro Intu Mastic

UIC of product-type: INTUM

Revision 3 - July 2018

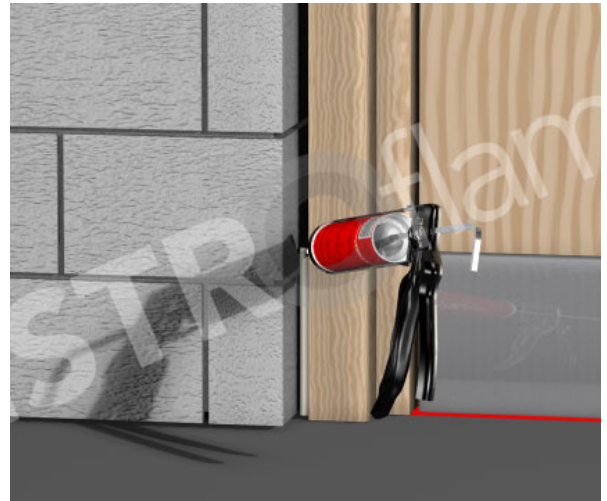


ETA 14-0049/14-0050
CE-1121-CPR-IA5015

Astro Intu Mastic

Intumescent Acoustic Mastic

- CE Marked.
- Certifire Approved.
- UL-EU, UL-C, UL-US Listed
- Fire resistance: EN 1366-3 EI 120, EN 1366-4 EI 240 and BS 476 300 mins.
- Fire Classification to EN 13501-2.
- Acoustic Isolation to EN 10140 to 63dB.
- Air Permeability testing to EN 1026 to 600Pa - 100Pa 0.0/0.0 m³/h/m²
- Mechanical Adhesion and Tensile testing to EN ISO 8039 & EN ISO 9046.
- VOC LEED 2009 EQ c41.1 5CAQ MD, Rule 1168 ASTM D2369D
- Tested with Metallic Pipes, Cables, Cable Bunches, Cable Trays and Cable Ladders.
- Causes no known adverse effects to plastic pipes, plastic cables, sheathing or metallic components.
- Joint movement capability of +/- 20%.
- Halogen free, resists fungi and vermin.



Product Description

A one part intumescent acrylic mastic for sealing gaps around fire doors, window frames and for sealing joints, voids and irregular holes in fire rated structures. The sealant forms a char, preventing the passage of fire and smoke, when exposed to the heat of a fire.

Tested around metallic pipes, cable trays, cable bunches, small, medium and large cables.

Tested in Block Wall, Concrete, Masonry and Plasterboard Partition.

Suitable for flexible walls, rigid walls & floors.

Tested in Linear Joints up to 60mm wide.

Tested in large service openings up to 490 x 150mm.



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ETA-14/0049
ETA-14/0050
ETAG 026 – Part 1
ETAG 026 – Part 2
ETAG 026 – Part 3
ASTRO INTU MASTIC
"see ETA-14/0049 & ETA-14/0050 for relevant characteristics"

Product Description

Tested for sealing of linear joints in concrete floors, masonry walls and plasterboard including head of wall details up to 60mm.

Sealant remains flexible after installation

The mastic has been independently tested in accordance with BS476 and EN requirements. It can provide up to 300 mins of fire resistance depending on depth/width and volumetric area.

It has good unprimed adhesion to a wide variety of common building substrates. although we do recommend that a small area is tested on unusual substrates.

Properties			
Slump	5mm After 1hr in 30mm Joints		
Shrinkage	Approximately 12%		
Cure Rate	3mm Per day at 50% Relative humidity 23°C		
Shore A Hardness	50		
Application Temperature	+ 5°C to + 30°C		
Tack Free	15 mins at 23°C , 50 RH		
Joint Movement	+ 20% of Original Size		
	Reference Wall	Wall With Single Seal	Wall With Double Seal
Average SRI (100 - 3150Hz)	44.4 dB	42.9 dB	45.1 dB
Weighted SRI Rw Index	47 dB	46 dB	48 dB
STC Rating	47 dB	46 dB	48 dB

Fire Performance Table

Floor & Wall Joint Size Width & Depth	Backing	Gap Face Material	Integrity Rating (Mins)	Insulation Rating (Mins)	Linear Metres Per Cartridge
5mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	6.2
10mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	3.1
15mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	2.07
20mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	1.55
25mm x 15mm	PE Open Cell Foam	AAC/AAC	300	215	0.83
30mm x 15mm	PE Open Cell Foam	AAC/AAC	300	215	0.69
35mm x 20mm	PE Open Cell Foam	AAC/AAC	300	214	0.44
40mm x 20mm	PE Open Cell Foam	AAC/AAC	300	214	0.39
45mm x 25mm	PE Open Cell Foam	AAC/AAC	300	214	0.28
50mm x 25mm	PE Open Cell Foam	AAC/AAC	300	214	0.25
6mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	4.13
10mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	2.07
15mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	1.38
20mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	1.03
25mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	0.83
30mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	0.69
10mm x 12.5mm	PE Open Cell Foam	PB/AAC	120	120	2.9
20mm x 12.5mm	PE Open Cell Foam	PB/PB	120	120	1.45
Small Cables	None	PB/PB	120	120	N/A
Medium Cables	None	PB/PB	120	120	N/A
Large Cables	MMF	PB/PB	120	120	N/A
Metallic Pipes	None	PB/PB	120	120	N/A
** Insulation In Floor Reduces 50% , However Integrity Remains the Same **					

The fire resistance tests have been achieved through testing according to EN 1366-3, EN 1366-4 & BS 476 Part 20 & 22/1987 are specific to the conditions of test. They do, however, provide a good indication of the expected performance of the sealant in fire situations. To achieve a specific fire rating, all substrates being used in the system must have equivalent fire ratings.

Product Availability

The Astro intu Mastic Comes in Three Colours - White , Brown & Grey in Both 310ml Cartridge & 600ml Foils

Product Code	Product Description	Size
AFIM	Astro Mastic White	310ml
AFIMB	Astro Mastic Brown	310ml
AFIMG	Astro Mastic Grey	310ml
AFIMWFOIL	Astro Mastic White - Foil	600ml
AFIMBFOIL	Astro Mastic Brown - Foil	600ml
AFIMGFOIL	Astro Mastic Grey - Foil	600ml

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / sizes
Typical example:- 10 / AFIM / Astro Mastic White / 310ml

>> 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

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