

Product Data Sheet

Astro Intu Mastic

UIC of product-type: INTUM

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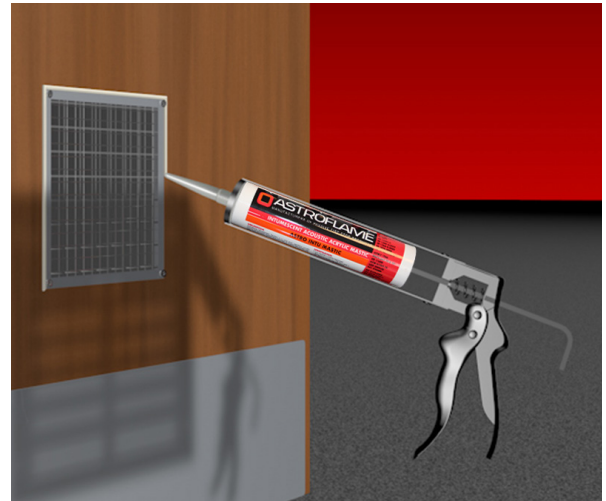


ETA 14-0049/14-0050
CE-1121-CPR-IA5015

Astro Intu Mastic

Intumescent Acoustic Mastic

- CE Marked.
- Certifire Approved.
- UL-EU Listed.
- Tested in accordance with EN 1366-3 : 2009 and EN 1366-4 : 2006.
- 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.
- VOL-LEED 4.1 (NC-2009 IEQc4.1).
- 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 capabilities.
- 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 - please refer to the Performance Table below.

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.

General Characteristics	Inspection Method	Value
Product Data (uncured)		
Density (S.G)	ASTM D792:13	1.63
Appearance		Paste, matt finish
Resistance to flow	ISO 7390 : 2003	Pass
Product Data (after curing)		
Hardness Shore A	ISO 7619-1 : 2010	63/39
Movement Capability		7.5%
Operating Temperature °C		-5 to 40
Loss Mass of Mass on Heating	ISO 3451-1 (Method A)	68.34
Flexibility - Bend Test	ISO 1519	Pass
Longevity of Firestop Materials	ASTM E2923 : 14	30 Years
Conditioning	EOTA TR024	Type X
Air Borne sound	EN 10140-2 : 2010	63dB

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 in according to EN 1366-3 : 2009 and EN 1366-4 : 2006 and are specific to the conditions of the tests. 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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