

Intumescent Acoustic Mastic



Trade Name: ASTRO INTU MASTIC



Tested to BS476: Part 20: 1987

Tested to EN1366-4

Up to 4 hours fire resistance

Easy to use

Long shelf life

Acoustic insulation

For internal or external use

**LANTAC Building Control
Approved**

NHBC Type Approval

Description

A one part fire rated intumescent acrylic mastic designed for sealing gaps around fire doors, window frames and for sealing joints, voids and irregular holes in fire rated structures, and for maintaining their integrity when sealing around pipes and cables that penetrate them.

The mastic has been independently tested in accordance with BS476: Part 20 & 22: 1987 and can provide up to 4 hours fire resistance depending on depth/width and volumetric area. PR EN1366-4, LANTAC Building Control Approval and NHBC Type Approval.

Can be used on most construction substances, although we do recommend that a small area is tested on unusual substrates. It can be used in most low movement joints up to 25mm wide with no slump and can be overpainted. Further details and installation instructions available on request.

Acoustic performance: Weighted Sound Reduction Index (RW) of up to 57db to BSEN ISO 140-3.

| JOINT | GAP SURFACE COMBINATION | GAP WIDTH MM | SEAL DEPTH MM | INSULATION MINS | INTEGRITY MINS |
|------------|------------------------------------|--------------|---------------|-----------------|----------------|
| HORIZONTAL | AERATED CONCRETE/ AERATED CONCRETE | 10 | 6 | 54 | 240 |
| HORIZONTAL | AERATED CONCRETE/ AERATED CONCRETE | 20 | 20 | UNCLASSIFIED | 240 |
| VERTICAL | AERATED CONCRETE/ AERATED CONCRETE | 10 | 6 | UNCLASSIFIED | 231 |
| VERTICAL | AERATED CONCRETE/ AERATED CONCRETE | 12 | 12 | UNCLASSIFIED | 240 |
| VERTICAL | AERATED CONCRETE/ AERATED CONCRETE | 15 | 10 | 40 | 240 |
| VERTICAL | AERATED CONCRETE/ AERATED CONCRETE | 15 | 15 | 42 | 240 |
| VERTICAL | AERATED CONCRETE/ AERATED CONCRETE | 20 | 15 | 49 | 240 |
| VERTICAL | AERATED CONCRETE/ AERATED CONCRETE | 20 | 20 | 73 | 240 |
| VERTICAL | AERATED CONCRETE/ AERATED CONCRETE | 35 | 20 | 92 | 240 |
| VERTICAL | AERATED CONCRETE/ AERATED | 35 | 25 | 168 | 240 |

CONCRETE

| | | | | | |
|------------|--------------------|----|-----|----|-----------|
| HORIZONTAL | HARDWOOD/ HARDWOOD | 25 | 258 | 64 | 66 |
| HORIZONTAL | HARDWOOD/ HARDWOOD | 10 | 15 | 40 | 63 |
| HORIZONTAL | SOFTWOOD/ SOFTWOOD | 10 | 35 | 81 | 91 |
| HORIZONTAL | SOFTWOOD/ SOFTWOOD | 25 | 35 | 74 | 74 |
| VERTICAL | HARDWOOD/ HARDWOOD | 10 | 15 | 37 | 59 |
| VERTICAL | HARDWOOD/ HARDWOOD | 25 | 25 | 51 | 61 |
| VERTICAL | SOFTWOOD/ SOFTWOOD | 25 | 35 | 82 | 82 |
| VERTICAL | SOFTWOOD/ SOFTWOOD | 10 | 35 | 80 | 87 |

| | | | | | |
|------------|-------------------------------|----|----|----|------------|
| HORIZONTAL | STEEL/ STEEL | 25 | 25 | 40 | 240 |
| HORIZONTAL | STEEL/ CONCRETE | 25 | 25 | 48 | 240 |
| HORIZONTAL | CONCRETE/ CONCRETE | 30 | 25 | 48 | 240 |
| HORIZONTAL | VERMICULITE/ AERATED CONCRETE | 25 | 25 | 48 | 240 |
| VERTICAL | STEEL/ STEEL | 25 | 25 | 58 | 240 |
| VERTICAL | STEEL/ CONCRETE | 25 | 25 | 52 | 240 |
| VERTICAL | CONCRETE/ CONCRETE | 30 | 25 | 33 | 240 |
| VERTICAL | VERMICULITE/ AERATED CONCRETE | 25 | 25 | 58 | 240 |

Availability

PRODUCT CODES: Brown - AFMB : Grey - AFIMG : White - AFIMW

Astroflame Mastic comes in 310ml cartridges.

To Order & Specify

Please quote-Quantity / Trade name / Product Code /Size
Typical example: 100 / ASTRO INTU MASTIC / AFIMB / 310ml

Fire Test Or Assessment Report

BS476 Part 20: 1987
PR EN1366-4
Loss Prevention Council CC89629
LANTAC Building Control Approved
NHBC Type Approval.

Colours

Brown, Grey and Off White (which can be overpainted if required).

Health And Safety

Do not ingest. Avoid contact with the skin and eyes. Use barrier cream and/or gloves. Normal good industrial practices should be observed.

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