

**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**

**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, 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 CONCRETE | 35           | 25            | 168             | 240            |

|            |                    |    |    |    |           |
|------------|--------------------|----|----|----|-----------|
| HORIZONTAL | HARDWOOD/ HARDWOOD | 25 | 25 | 64 | <b>67</b> |
| HORIZONTAL | HARDWOOD/ HARDWOOD | 10 | 15 | 40 | <b>63</b> |
| HORIZONTAL | SOFTWOOD/ SOFTWOOD | 10 | 35 | 81 | <b>91</b> |
| HORIZONTAL | SOFTWOOD/ SOFTWOOD | 25 | 35 | 74 | <b>74</b> |
| VERTICAL   | HARDWOOD/ HARDWOOD | 10 | 15 | 37 | <b>59</b> |
| VERTICAL   | HARDWOOD/ HARDWOOD | 25 | 25 | 51 | <b>61</b> |
| VERTICAL   | SOFTWOOD/ SOFTWOOD | 25 | 35 | 82 | <b>82</b> |
| VERTICAL   | SOFTWOOD/ SOFTWOOD | 10 | 35 | 80 | <b>87</b> |

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

### Availability

PRODUCT CODES: Brown - AFMIB : 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  
 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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