

# Product Data Sheet

## Astro Batt

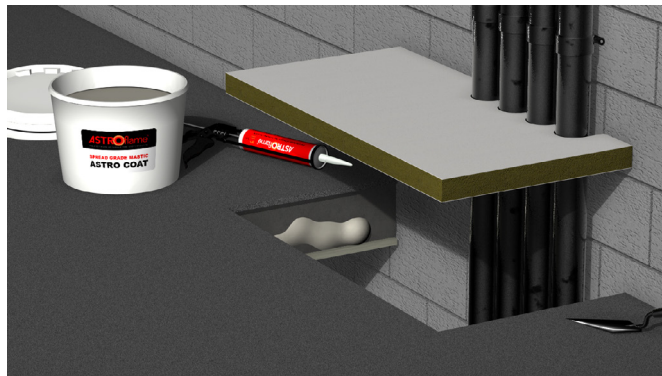
Revision 8 - 17th January 2020



## Astro Batt

### Fire Resistant Batt

- Fire Resistant Board for sealing service penetrations in walls or floors.
- Fire Resistant testing to EN 1366-3 : 2009 and BS 476 Part 20 : 1987.
- Fire Classification to EN 13501-2.
- Air Permeability testing to EN 1026 to 600Pa.
- Acoustic Isolation testing to EN 10140 to 48dB.
- Life expectancy of over 25 years.
- Suitable for indoor use without additional environmental protection.




#### Product Description

Specifically designed for sealing around service penetrations in walls and floors, a single Astroflame board (50mm or 60mm thick) can provide high levels of fire integrity and insulation.

Tested in Block Wall, Concrete, Masonry, Plasterboard Partition and tested in Concrete Floors. Offering up to 4 hours fire resistance in accordance with BS476: Part 20: 1987 and EN 1366-3 : 2009. Up to Rw 48dB sound reduction achieved by using two boards.

Astroflame Boards consist of a stone fibre core coated on both sides with Astro Coat which transforms during a fire to prevent the passage of fire and smoke and the transfer of heat.

ASTRO BATT cut edges or joints should be coated with ASTRO COAT or ASTRO MASTIC.

 <b>1121</b>
Astroflame Fireseals Ltd Unit 8 The I O Centre Stephenson Road Segensworth, Fareham Hampshire, PO15 5RU 14 1121-CPR-JA5026
ETA-14/0099 ETAG 026 – Part 1 ETAG 026 – Part 2 ASTRO BATT ASTRO COATING "see ETA-14/0099 for relevant characteristics"

**Properties & Specification**

Please note specific fire, acoustic & EI Ratings will vary depending on the thickness of batt used and the configuration, please contact us for confirmation.

50mm Thickness Batt	
Dimensions	1200mm x 600mm x <b>50mm</b>
Stone Fibre Density	140Kg/m <sup>3</sup>
Coating Thickness	1mm Nominal, 2.2kg wet film coating
Fire Resistance/Insulation	4 hours – BS476 pt20/22; EN 1366-3, EI 120 & EN 13501-2
Acoustic Performance	Acoustic Reduction up to 48Rw, 61DnTW (Double 50mm Batt) EN10140 Acoustic Reduction of 24Rw, 38DnTW (Single 50mm Batt) EN10140
Air Permeability	600Pa EN 1026 - 100Pa 1.8/1.4 m <sup>3</sup> /h/m <sup>2</sup>
60mm Thickness Batt	
Dimensions	1200mm x 600mm x <b>60mm</b>
Stone Fibre Density	160Kg/m <sup>3</sup>
Coating Thickness	1mm Nominal, 2.2kg wet film coating
Fire Resistance/Insulation	4 hours – BS476 pt20/22; EN 1366-3, EI 120 & EN 13501-2
Acoustic Performance	44dB mean reduction up to 62.2dB reduction (with one 60mm Fire Batt). 44dB mean reduction up to 65.4dB reduction (with two 60mm Fire Batt)
Air Permeability	600Pa EN 1026 - 100Pa 1.8/1.4 m <sup>3</sup> /h/m <sup>2</sup>
Heat Aging – 336 hrs	No defects at 40°C
Water Vapour Permeability	3.08g/m <sup>2</sup> /24 hours

**Product Availability**

Product Code	Product Description	Size
AFB1200DC50	Astro Batt	600mm x 1200mm x 50mm: 140kgm <sup>3</sup> density.
AFB1200DC	Astro Batt	600mm x 1200mm x 60mm: 160kgm <sup>3</sup> density.

**Fire Test or Assessment Reports**

Please refer to the Properties & Specification table.

**To Order & Specify**

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size  
Typical example:- 20/ AFB1200DC50 / Astro Batt / 600mm x 1200mm x 50mm

>> Tel: [01329 844 500](tel:01329844500) or >> Email: [sales@astroflame.com](mailto: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](mailto: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](mailto:sales@astroflame.com)

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