ASTROFLAME
PASSIVE FIRE STOP SYSTEMS

Product Data Sheet

Blue 60 Fire Rated Frame Foam

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BLUE 60

Fire Rated Frame Foam

- 30 & 60 minute fire tested to BS-EN 1634-1 & BS476-22
- Tested in full size single & double doorsets, not linear gaps
- No additional mastics or sealants required
- Acoustically tested to full doorset up to 43dB*
- Tested in both metal and timber stud partitionings
- Tested in a retro-fit scenario to allow use for rectification
- Tested with gaps between 7mm & 30mm

Product Description

High quality PU foam recommended for sealing applications where fire resistance is required. Blue 60 is a specially formulated expanding foam that must be used in conjunction with Blue 60 fire rated packers that gives up to 60 minutes fire protection to timber doorsets without the use of additional mastics or sealants.

Blue 60 PU Foam is a single component, moisture curing, self expanding, ready to use polyurethane foam with propellants which are completely harmless to the ozone layer.

It has a fire rating of up to 60 minutes in Timber Doorsets configuration.

Properties

According to EN 1634/1 & BS476 PT:22 fire retardant up to 60 mins – see table enclosed.
Efficient seal against smoke and gas.
Does not contain CFC's and H-CFC's.
Excellent adhesion & filling capacity.
Excellent mounting capacity and stability.
High yield up to 45 litres depending on temperature and humidity.
Excellent adhesion on most substrates (except Teflon, PE and PP).
High filling capacity.
High thermal & acoustical insulation value.
After cured, it can be painted, cut , trimmed.
No shrinkage
Mould and water resistant.
Temperature resistance -40°C to +90°C

Technical Properties

Base Polyurethane prepolymer
Curing System Moisture
Skin Formation Approx. 10 minutes
Specific gravity 23+ kg/m3
Temperature resistance -40°C until +90°C (cured)
Fire properties BI (DIN 4102)

Performance

30 Minute Timber Doorset

Wall Construction	Frame Material	Frame Depth	Maximum Gap	Tested to
Timber Stud Steel Stud Brickwork	MDF Softwood minimum density 450 kg/m3	Minimum Depth 80mm	30mm	EN 1634-1 BS476 PT:22

60 Minute Timber Doorset

Wall Construction	Frame Material	Frame Depth	Maximum Gap	Tested to
Timber Stud Steel Stud Brickwork	MDF Softwood minimum density 610 kg/m3	Minimum Depth 100mm	30mm	EN 1634-1 BS476 PT:22

Product Availability

9 months in unopened packaging in a cool, dry storage place at temperatures between +5°C and +25°C.
750ml (12pcs in a box)

Product Code	Product Description	Size
AFBLUE60/GG	Blue 60 Fire Rated Frame Foam GUN GRADE	750ml
AFBLUE60/1MM	Blue 60 Packer 1mm (Green)	1mm
AFBLUE60/3MM	Blue 60 Packer 3mm (White)	3mm
AFBLUE60/5MM	Blue 60 Packer 5mm (Blue)	5mm

BLUE60 Packer 1mm

BLUE60 Packer 3mm

BLUE60 Packer 5mm

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / sizes
Typical example:- 10 / AFBLUE60/GG / Blue 60 Fire Rated Frame Foam GUN GRADE / 750ml

>> Tel: 01329 844 500 or >> Email: sales@astroflame.com

Installation

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel 01329 844 500 or email sales@astroflame.com

Maintenance

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to ASFP TGD 17 – Code of Practice for the Installation and Inspection of Fire Stopping.

Competency

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

Additional Notes

* The sound reduction rating will vary depending on the door density and any additional threshold & perimeter seals used in conjunction with this product, contact Astroflame for confirmation before specifying.

Each fire door will have its own test evidence from the door manufacturer. It is the responsibility of the purchaser to ensure that the seals are fully compliant with the relevant test evidence, if in doubt please contact the technical team on: tel 01329 844 500 or email sales@astroflame.com

Health and Safety

Please see (SDS) Safety Data sheet - This can be requested from our sales team T: 01329 844 500 or E: sales@astroflame.com

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