

# 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



- Tested with softwood, MDF & hardwood frame sections

#### Product Description

**Blue 60 is a specially formulated expanding foam that when used in conjunction with Blue 60 fire rated packers 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. High quality PU foam recommended for sealing applications where fire resistance is required.

#### 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

## Application areas

Installation of Timber Doorsets

## Technical Properties

Base Polyurethane prepolymer  
 Curing System Moisture  
 Skin Formation Approx. 10 minutes  
 Specific gravity 23+ kg/m<sup>3</sup>  
 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/m <sup>3</sup>	Minimum Depth 80mm	28mm	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/m <sup>3</sup>	Minimum Depth 100mm	30mm	EN 1634-1 BS476 PT:22

## Colour

Blue

## Shelf Life

9 months in unopened packaging in a cool, dry storage place at temperatures between +5°C and +25°C.

## Packaging

750ml (12pcs in a box)

**Product Availability**

Product Code	Product Description	Size
AFBLUE60/GG	BLUE60 Fire Rated Frame Foam GUN GRADE	750ml
AFBLUE60/1MM	BLUE60 Packer 1mm (Green)	1mm
AFBLUE60/3MM	BLUE60 Packer 3mm (White)	3mm
AFBLUE60/5MM	BLUE60 Packer 5mm (Blue)	5mm



BLUE60 Packer 1mm



BLUE60 Packer 3mm



BLUE60 Packer 5mm

**To Order & Specify**

Please quote - Quantity / Product Code / Product Description / Size

Typical example:- 10 / AFBLUE60/GG / BLUE60 Fire Rated Frame Foam GUN GRADE / 750ml

**Health & Safety**

Please see (SDS) Safety Data Sheet - This can be Requested from our sales Team - [sales@astroflame.com](mailto:sales@astroflame.com)

**Installation**

Please see Install Sheet - This can be Requested from our sales Team - [sales@astroflame.com](mailto:sales@astroflame.com)