



TECHNICAL DATA SHEET

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Description

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, when used in conjunction with Blue60 fire rated packers, that are available in 1, 3 and 5mm thicknesses.. High quality PU foam recommended for sealing applications where fire resistance is required.

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Properties

According to BS EN 1634-1 & BS 476 Part 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

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Application

Installation of Timber Doorsets. Blue 60 foam should always fully fill the gap between the frame section and the wall and can then be trimmed back flush with the frame section once cured. Blue60 foam should always be used in conjunction with Blue60 Fire Rated packers.

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Packaging

750ml (12pcs in a box)

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Colour

Blue

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Shelf Life

Blue60 foam has a usable life in the can of 2 years from the manufactured date shown on the bottom of the can, if un opened, however some deminishing yield from the can may become apparent after 12 months if not stored in a cool dry storage place at temperatures between +5°C and +25°C.

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Notes

Keep out of reach of children.

Use in a well ventilated area.

Do not smoke.

Take the usual industrial hygiene precautions.

Wear gloves and safety goggles.

Remove cured foam by mechanical means only – never burn away.

For information and advise on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Product Handling & Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Base Polyurethane prepolymer

Curing System Moisture

Skin Formation Approx. 10 minutes

Fully fire rated after full curing 24:48hrs depending on conditions

Specific gravity 23± kg/m³

Temperature resistance -40°C until +90°C (cured)

Fire properties BI (DIN 4102)

30 Minute Timber Doorset

Wall Construction	Frame Material	Frame Depth	Minimum Gap	Maximum Gap	Tested to
Timber Stud Steel Stud Brickwork	MDF Softwood minimum density 450 kg/m ³	Minimum Depth 80mm	No minimum gap providing the frame width is fully filled	30mm	BS EN 1634-1 BS 476 Part 22

60 Minute Timber Doorset

Wall Construction	Frame Material	Frame Depth	Minimum Gap	Maximum Gap	Tested to
Timber Stud Steel Stud Brickwork	MDF Hardwood minimum density 610 kg/m ³	Minimum Depth 100mm	No minimum gap providing the frame width is fully filled	30mm	BS EN 1634-1 BS 476 Part 22

The information, and, in particular, the recommendations relation to the application and end-use of Blue60, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Blue60 Technical and Safety Data Sheets.