



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. High quality PU foam recommended for sealing applications where fire resistance is required.

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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

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Application areas

Installation of Timber Doorsets

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Packaging

750ml (12pcs in a box)

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Colour

Blue

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Shelf Life

9 months in unopened packaging 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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Base Polyurethane prepolymer

Curing System Moisture

Skin Formation Approx. 10 minutes

Specific gravity $23 \pm$ 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	Maximum Gap	Tested to
Timber Stud Steel Stud Brickwork	MDF Softwood minimum density 450 kg/m ³	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 Hardwood minimum density 610 kg/m ³	Minimum Depth 100mm	30mm	EN 1634-1 BS476 PT: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.