

FAS Fire Door Foam Gun Grade - 750ml

READYFIX PRODUCT CODE: M271-100



A proprietary orange polyurethane expanding foam formulated to reinstate fire resistance in cavities and perimeter gaps between pedestrian fire door assemblies and supporting constructions. Suitable for tested timber and composite doorsets and timber glazed screens in flexible partitions and masonry walls.

- Fire resistance up to 60 minutes in approved foam-only configurations.
- Up to 120 minutes when installed with the specified FAS intumescent acrylic sealant.
- Compatible with standard plastic, timber and MDF packers where permitted by the tested system.

Product specification

Type: Gun-grade PU expanding fire door foam

Volume: 750ml

Colour: Orange; shade may vary between production batches

Gap width: 5mm minimum practical width; up to 30mm maximum tested width, subject to configuration

Coverage: Typically 3-4 single doorsets per can based on a 10mm x 70mm void

Expansion yield: Up to 56 times the original volume when correctly applied with compatible equipment

Application temperature: +10°C to +30°C; +20°C ideal

Shelf life: 12 months when stored in accordance with current installation guidance

Storage temperature: +5°C to +30°C, unopened in cool, dry conditions

Supplied with: Protective gloves

Applicator: Compatible foam gun or adaptor required; not included

Fire, smoke and acoustic performance

- Fire tested to BS 476: Parts 20 and 22: 1987 and BS EN 1634-1.
- Smoke leakage evidence to BS EN 1634-3: 2004.
- Acoustic performance up to 63dB Rw, depending on the tested doorset.
- Certifire approved - Certificate CF5839.
- CCPI assessed - 015700188/1227.

Application guidance

1. Confirm the required fire rating and that the wall, frame, gap width, frame depth and sealing configuration are covered by the current test evidence.
2. Ensure surfaces are clean and free of dust or loose particles. Lightly mist the cavity with water to aid installation; a primer may be needed on highly porous surfaces.
3. Protect adjacent finishes, wear the PPE specified in the SDS and shake the can for two minutes.
4. Attach a compatible adaptor or foam gun. Fill from the base in layers until the void is completely filled, taking care not to overfill.
5. Allow the foam to cure for one hour, then trim excess material flush with a sharp blade.
6. For FD90 and FD120 systems, cap both faces with at least 10mm of FAS Fire Door Intumescent Acrylic Sealant in accordance with the installation guide.

Critical limitations

Fire performance is system-specific. Do not rely on the foam rating alone. The fire doorset, supporting construction, frame material and depth, fixing arrangement, gap width and any mastic capping must match the applicable certification and field-of-application report. Reduce openings above 30mm with solid infill.

Storage, disposal and maintenance

- Protect cans from frost, overheating and direct sunlight; never expose above +50°C.
- Dispose of empty cans in accordance with local regulations and the SDS.
- Record inspections in line with the building or project maintenance schedule. Replace any damaged or disturbed installation.

Always use the current FAS installation guide, doorset evidence and project specification. Safety Data Sheet, installation guide, certificates and field-of-application reports are available on request.

Specification basis: FAS Fire Door Foam product information and Installation Guide FAS-FDF/IGv8, July 2026. Performance applies only to approved tested configurations. Confirm critical requirements before installation.