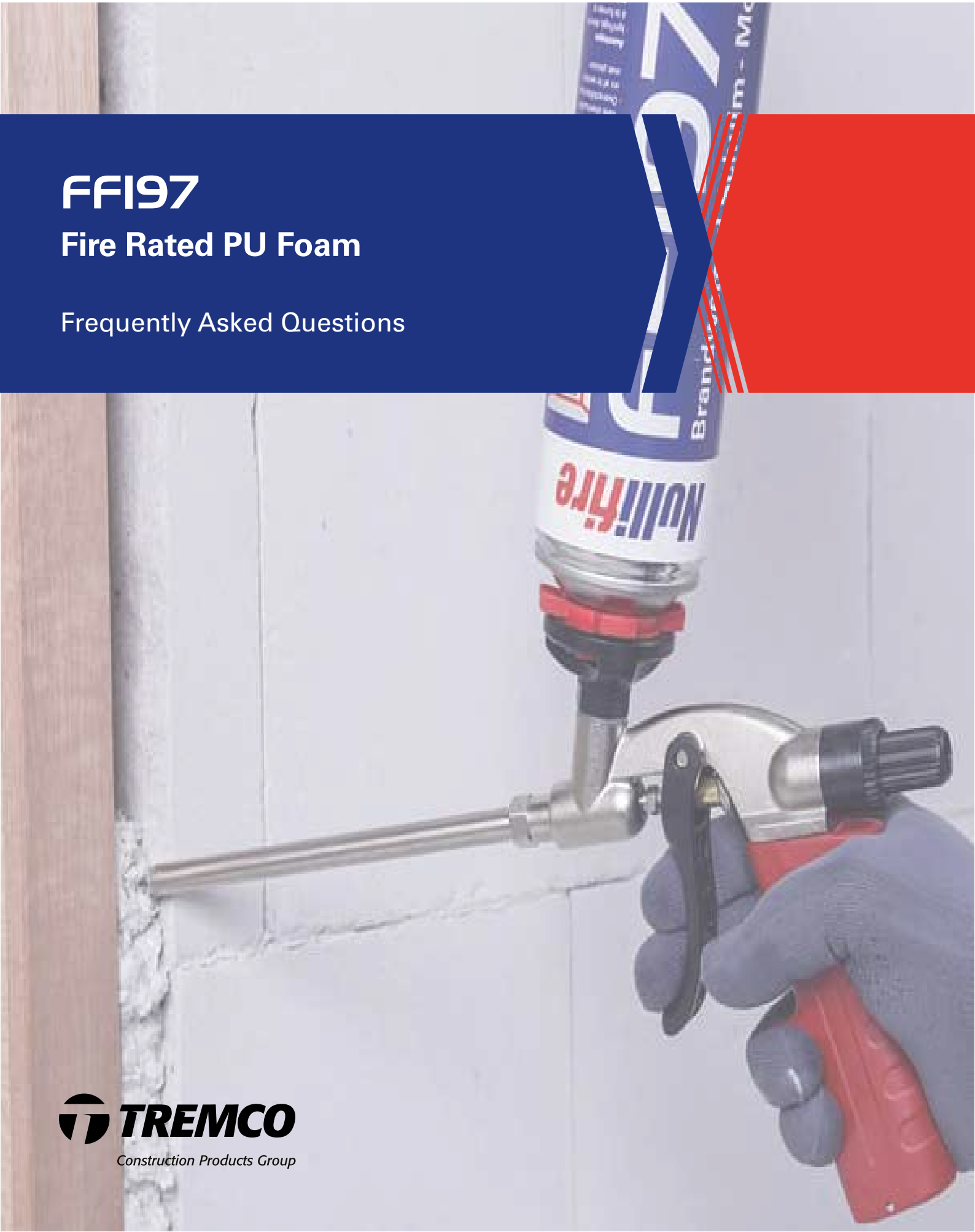


FFI97

Fire Rated PU Foam

Frequently Asked Questions



FF197 Fire Rated PU Foam



Frequently Asked Questions

1. When do need to use a fire rated foam?

Fire rated foam is often misused due to poor understanding of its suitability. It is important to note that it should only be used to fill small linear gaps, gaps between a door frame and wall. It cannot be used to fill large voids or openings and can only fill gaps up to 40 mm wide. Fire rated foam is not suitable for use around pipe and cables as it doesn't intumesce or expand in extreme heat so the services would burn away and leave a void and thus breach the fire compartment.

2. What's the difference between fire rated foam and intumescent sealants?

A common mistake is for fire rated foam to be used in situations where intumescent materials are better suited. While fire rated foam expands on application, it sets to form a hard seal and will not expand further and seal up a hole when a fire breaks out. Intumescent sealant, on the other hand, does not expand when applied, and only swells up when a fire has broken out and it reaches a certain temperature. In this circumstance, the material will then expand and seal a hole to reinstate a wall or door's fire containment properties.

3. What testing does FF197 hold?

- FD30, FD60 and FD120 according to BS EN 1634-1 Fire door test.
- Tested to BS EN 1634-3 Indicative Smoke control test for fire rated foam.
- Tested to BS EN 1366-4 (linear gaps): up to 4 hours fire resistance (coated or uncoated).
- Classified to EN 13501-2.

4. What is the minimum and maximum gap size FF197 can be used?

FF197 has been tested between 0 – 40 mm gaps for fire and smoke seal.

5. What type or door sets does this cover?

Single and double door sets.

6. What packers are required?

FF197 has been tested with the use of standard plastic or wooden packers.

7. What depth do the packers need to be installed?

Packers should be recessed by min 10 mm and covered with FF197 foam.

8. Do I need to cap off Fire Door Foam with intumescent mastic?

No, there is no need to cap with mastic for ratings of up to 60 minutes.

FF197 Fire Rated PU Foam

Download FF197 Technical Data Sheet!

Simply scan the QR Code



9. Can I add architraves over FF197??

Architraves are optional, as FF197 has been tested without architraves.

10. How many doors can I seal per can?

A 750 ml canister will seal 3-4 single doors within a standard structural opening (10 mm x 70 mm void).

11. Does FF197 have an acoustic rating?

Yes, Fire Door Foam has sound reduction capabilities of up to 62dB Rw.

12. Can I use Fire Door Foam when door sets are required to have smoke control?

Yes, FFF197 has smoke leakage evidence to BS EN 1634-3: 2004.

13. What is the NHBC fire door testing requirements?

- Option 1: Fire door frames installed at pre-plaster stage-This was the original requirement from the update in October 2020 and is still a valid option.
- Option 2: Fire door linings installed at pre-plaster stage- Fire door linings could be plywood or part of the fire door set provided by the manufacturer or supplier. The lining would be installed at pre-plaster to allow the fitting of the frame at a later stage of the build process. The fire door frame should fit tightly within the plywood lining.
- Option 3: Fire door frames installed after pre-plaster- Fire door frames can be installed post-plaster and architraves not fitted until satisfactory inspection by NHBC has been completed. Once installed, the site manager should notify their Building Inspector that the door set is ready for inspection. The Building Inspector will then inspect the door frame installation on their next visit to site, thus negating the need for a separate inspection.

For more information visit <https://www.nhbc.co.uk/builders/products-and-services/techzone/technical-updates/fire-door-installation-update>.

For more information or to
download our Technical Data
Sheet, scan the QR code or visit:

www.nullifire.com



Tremco CPG UK Limited
Coupland Road
Hindley Green
WN2 4HT, UK

+44 (0) 1942 251400
hello@tremcocpg.com
www.tremcocpg.eu



www.nullifire.com



[@Nullifire](https://www.facebook.com/Nullifire)



firestoppinghelp@tremcocpg.com



[/company/Nullifire](https://www.linkedin.com/company/Nullifire)