

CI/SfB	(29)	Yt4	(k2)
CAW P10			
Uniclass JP10:L68114			

## Product Information

### Description

FF197 is a modified, single component, fire rated polyurethane foam.

### Usage / Purpose

FF197 is used to seal door frames and linear gaps throughout the fire rated areas of a building.

### Colour

Grey

### Packaging

750 ml pressurised canister (12 per box)

### Availability

Direct from Tremco CPG UK Limited (see details on this TDS).

## Usage Guidelines

Always read SDS, pre-application guidance and relevant application detail prior to application. Ensure the latest documents are downloaded prior to every project commencement.

### Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

### Necessary Tools

- PU foam application gun
- Masking tape
- Suitable cutting knife
- PU gun cleaning solvent

### Preparation

- Ensure suitability of product prior to use.
- Protect all surrounding areas & substrates which are required to remain free of FF197, using a suitable protective barrier.
- The surfaces must be solid and stable.
- Remove all loose particles, dust and grease.
- A speedier cure can be attained by moistening the substrates if needed.

### Application

- Immediately prior to use, shake the canister vigorously at least 20 times.
- Remove the protective cap and screw onto the Nullifire PU foam gun or use the nozzle provided.
- Fill approximately 80% of the required depth of the cavity because the foam will expand.
- Work upwards on all vertical surfaces.
- The foam is firmly set in approximately 1 hour (depending on temperature and humidity); excess can be trimmed with a suitable cutting knife.
- Applying a light misting of clean water between each layer before subsequent application will permit faster cure and increase density.

### Cleaning

- Immediately after application, clean the gun by removing the foam canister and replacing with a can of illbruck AA290 PU foam cleaner, and follow instructions on AA290 can.
- Remove excess foam from unintentional application immediately with illbruck AA290 PU foam cleaner or acetone and a dry cloth.
- Cured foam can only be removed mechanically.

### Important Information

- Use in well ventilated conditions.
- As with all PU foams, FF197 will not adhere to Teflon, polyethylene or silicone coated surfaces.
- The cured foam is adversely affected by UV light and should be covered with a suitable sealant such as FS703.
- For nozzle application, invert can and direct nozzle into gap and press gently on the adaptor to establish the correct flow rate.
- Ensure the surface to be cleaned is solvent resistant prior to using or applying AA290 as a cleaning agent. AA290 TDS & SDS are available at [www.illbruck.com/AA290](http://www.illbruck.com/AA290).

**Nullifire**  
Smart Protection

# FF197

## Fire Rated PU Construction Foam

up to  
**240**  
mins



### Key Benefits Summary

- Tested to BS EN 1634-1 (fire door)
- Gaps up to 35 mm (fire door)
- Tested without architrave (fire door)
- Suitable for use with plastic or timber packers (fire door)
- Tested to BS EN 1366-4 (linear gaps): up to 4 hours fire resistance
- Excellent acoustic performance - up to 62 dB
- Tack free in 10 minutes
- 2-in-1 gun & nozzle canister



APPROVED PRODUCT  
CF 5325



# FFI97

## Fire Rated PU Construction Foam

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### Technical Information

Property	Test Method	Result
Composition		Polyurethane foam
Fire Performance*	Tested to BS EN 1366-4	Up to 4 hours
	Tested to BS EN 1634-1	60 minutes
Classification	DIN4102: Part 1	B1
Application Canister Temperature Limits		+10°C to +30°C
Application Ambient Temperature Limits		+5°C to +35°C
Density	LAB015- 3 cm in width at 23°C and 50% RH	20-30 kg/m <sup>3</sup>
Yield	FEICATM 1003	45 litres
Tack Free Time	FEICATM 1014	10 minutes
Cutting Time	FEICATM 1005	60 minutes
Tensile Strength	FEICATM 1018	81 kPa
Shear Strength	FEICATM 1012	57 kPa
Compression Strength (10%)	FEICATM 1011	47 kPa
Thermal Conductivity	EN 12667	0.036 W/m.K
Operating Temperature Conditions (extruded and cured)		Peak: -40°C to +130°C Continuous: -40°C to +90°C

\*Please note that achievable fire rating depends upon specific joint configuration

#### Storage

Store between +5°C and +25°C in dry conditions.

#### Shelf Life

12 months when stored in its original unopened containers.

#### Health & Safety Precautions

Safety data sheet must be read and understood before use.

Extremely flammable aerosol. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

#### Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.