

FIRE RATED GUN FOAM

to BS 476 Part 20



Contents	Art. No.	P/Qty
750ml	0892 152 51	1/12

Technical Data:

Warrington Fire Research testing of Würth Fire Rated Gun Grade Foam;

Gap width	Seal depth	Orientation	Description	Integrity (mins)	Insulation(mins)
45 mm	220 mm	vertical	PU foam/mineral fibre core	240	240
30 mm	220 mm	vertical	PU foam/mineral fibre core	240	240
15 mm	220 mm	vertical	PU foam	240	240
45 mm	220 mm	horizontal	PU foam/mineral fibre core	240	240
15 mm	200 mm	horizontal	PU foam	206	206

**The floor construction comprised 250mm thick aerated concrete.
The wall construction comprised 220mm thick autoclaved blockwork.**

Colour:	Pink
UV resistance:	The cured foam is NOT resistant to UV light and should be capped/covered after application.
Biological resistance:	Resistant to vermin, insects and attack by fungus.
Closed cell structure:	>60%
Tack free time:	10-15 mins (at 23°C, 55% RH)
Cutable time:	30-45 mins (at 23°C, 55% RH). Once fully cured Fire Rated Gun Foam can only be removed mechanically, ie by scraping or cutting. Excess cured material may be trimmed using a sharp knife or sanded down. Uncured foam should be removed/cleaned using PU Cleaner Art. No: 0892 160
Application temperature:	5°C to 25°C
Service temperature:	-30°C to 90°C (Short period to 120°C)
Yield per can:	A 750ml can will yield approx. 35 litres of foam. The actual amount will depend on the ambient temperature and humidity conditions. Dampening surfaces to which the foam is applied will assist curing and maximise the yield obtained.
Estimating requirements:	The table below gives an estimate of the linear metres each can should yield for a given joint size. The actual amount will depend on the ambient temperature and humidity conditions.

With this information we want to advise you to the best of our knowledge based on our tests and experience. Preliminary testing required! For further information see the technical data leaflet.

Your advantages:

- Tested as a fire seal in horizontal and vertical joints to BS 476 Part 20 for up to 4 hours
- Enhanced performance can be achieved by over capping with intumescent sealant
- Single component, easy to apply
- Also meets Class B1 of DIN 4102 Part 1

Depth mm	Width mm				
	10	20	30	40	50
10	300	150	100	75	60
20	150	75	50	37	30
30	100	50	32	25	20
40	75	37	25	19	14
50	60	30	20	15	12