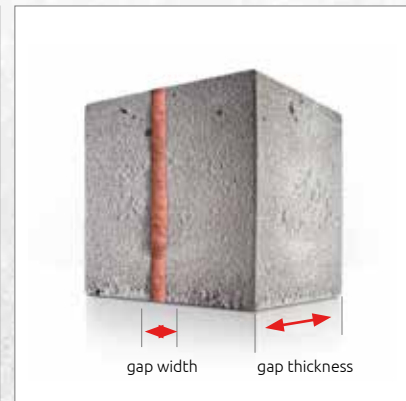
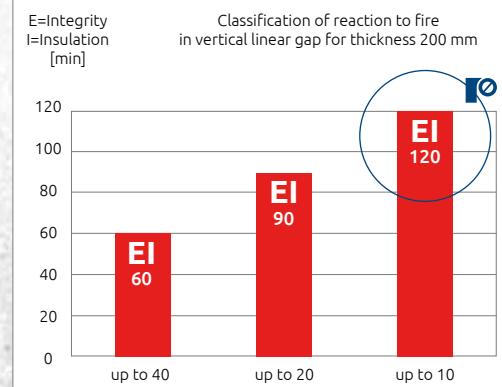


TECHNICAL DATA

Parameter	Value	Methods
Application temperature	[°C] +5 ÷ +30	
Can temperature	[°C] +20	
Efficiency	[dm³] max. 45	
Colour	- red	
Skin formation time	[min] 12-16	+20°C, RH 90%
Pretreatment time	[min] 30-40	+20°C, RH 90%
Complete hardening time	[h] 24	
Fire resistance class	- B-s1, dO	PN-EN 13501-1+A1:2010
Density(kg/dm³)	[kg] 25 ± 10	PN-EN ISO 845:2000
Dimensional stability	[%] +/- 2	+40°C, RH 95%, 24 hrs
Water absorption after 24h	[kg/m³] 0,5	PN-EN 1609:1999
Tensile strength	[kPa] ≥ 50	PN-EN 1607:1999
Compressive strength	[kPa] ≥ 100	PN-EN 826:1998
Thermal resistance (upon hardening)	[°C] -50 ÷ +90	
Thermal conductivity	[W/mK] 0.034	
Preparations solubility	- Acetone, before hardening	Cleaner RPC-0500
Soundproofing coefficient	[dB] 61	EN 12354-3
Volume	[ml] 750	
VOC Content	[g/l] 169	calculated
Fire resistance classification	- EI 120	EN 1366-4
Shelf life	[month] 12	
Storage conditions	-	upright position in an originally closed container
	-	the storage temperature: from +5°C to +35°C (room temperature is recommended)
	-	dry, cool and well-ventilated place away from direct sunlight and other sources of heat and ignition
		storing the product in conditions other than recommended may shorten the life time by 3 months



SUBSTRATE MATERIAL

Concrete, aerated concrete block, chipboard



INSTALLATION GUIDE



1. Wear protective gloves. Ensure surfaces are free from dust, dirt or debris.
2. Before using, make sure that the can temperature is above zero (optimum +20°C). Application temperature from +5°C up to +30°C.
3. Shake can vigorously for 30 seconds to mix components properly.
4. Screw gun onto the can. Hold can upside-down during application.
5. Moisten surfaces with water prior to application.
6. Fill gaps from down to up, zigzag motion, alternating from one wall to the other. Fill gaps to approximately 60 % volume. Max. gap width = 3-4 cm. Wider gaps should be applied after hardening of the previous layer. Each layer should be moistened with water using a spray.
7. Once fully hardened, foam must be protected from UV exposure by coating with plaster, paint, acrylic or silicone.

CLEANING



When a break in application is longer than 15 minutes, the nozzle should be cleaned with cleaner and the gun should be blocked. It is recommended to keep the gun attached to the can.

FINISHING WORKS



After the job, unscrew the can and remove the remaining foam from the gun by pressing the trigger. Clean adaptor and the nozzle with cleaner. Screw the gun onto cleaner can. Press the gun trigger several times. Repeat until the gun is completely clean. Ensure that the gun is blocked after use.

R-RPP-B1

” FIRESTOP SOLUTIONS
FOR MANY APPLICATIONS

B1 Gun Foam



HIGHLIGHTS

Trust & Innovation

www.rawlplug.co.uk

Rawlplug Ltd
Skibo Drive
Thornliebank Industrial Estate
Glasgow G46 8JR

Tel: +44 (0) 141 6387 961
Fax: +44 (0) 141 6387 397

rawlinfo@rawlplug.co.uk
www.rawlplug.co.uk

” FIRESTOP SOLUTIONS FOR MANY APPLICATIONS

Wide range
of application



R-RPP-B1 Fire Resistant Foam Gun version

B1 Fire Resistant Gun PU foam with EI 120 classification is designed for all applications where the following fire retardant characteristics are required:

- sealing of all openings in roof constructions
- sealing of cable and pipe penetrations
- creation of a soundproof screen
- bonding of insulation materials
- application of sound-deadening layers
- improving thermal insulation in cold store areas
- fire retardant installation of window and door frames
- fire and smoke retardant sealing of connections between partition walls, ceilings and floors



Shelf life
12 months



Dry, cool and well-ventilated place away from direct sunlight and other sources of heat and ignition



Upright position in an originally closed container



The storage temperature: from +5°C to +35°C (**room temperature is recommended**)

*Storing the product in conditions other than the recommended temperature may shorten the life time by 3 months.

A specially formulated expanding foam with fire protection rated up to 120 minutes

Excellent thermal
and acoustic insulation
properties



Can be painted
or plastered when cured

The foam is a **hardly flammable** material, which is resistant to fire



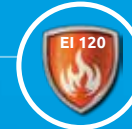
The foam provides a very **effective barrier to smoke and fumes** during minutes of danger



Excellent adhesion
to most construction materials



Tested under strict EU standards. As a result, **EI 120** fire resistance in accordance with EN 13501-2 and **B1 fire resistance** **B1 in accordance with DIN 4102-part 1** were obtained



Provides a delayed ignition, which **gives a minimum of 120 minutes that can save lives and assets**

Fast curing – can be applied in **40 minutes**



” FOR PROFESSIONAL USE

RPP-B1 is suitable for all applications, where it is legally required to use a product with class B1 fire resistance according to DIN 4102.

EFFECTIVE FIRE PROTECTION

The foam is classified as a non-flammable and fire-retardant material. Efficient seal against fire, smoke and gas that conforms to the fire regulations.

A PRODUCT YOU CAN TRUST

High fire resistance (B1). It produces limited smoke (s1). No flaming droplets during a fire (d0). E - Integrity and I - insulation of 120 minutes.

HIGH FIRE PRODUCTION PARAMETER FOR AN INDEPENDENT PRODUCT

High fire integrity and fire insulation confirmed by Technical Approval. EI120 fire resistance achieved without additional sealer or acrylic.

WIDE RANGE OF APPLICATIONS

In addition to filling and sealing of windows & doors, the foam can be applied wherever fire retardant characteristics are required. It is a specialised product that can be used both for fire protection and for general purposes as a regular mounting foam.

EXCELLENT TECHNICAL PARAMETERS

The high quality of product is confirmed in the technical parameters. It is a high yield, fast curing (workable 40 min after application) and excellent thermal and acoustical insulation properties. It can be painted or plastered when cured. It has also a good adhesion to most construction materials.

ACCESSORIES

