

# 1K Fire Rated Foam B1 Gun Grade PRO

High performance Gun-Grade expanding  
Fire Rated PU foam



## Description

ICFS High-quality fire insulation foam with low post expansion for demanding users. Fire class meets the European standards EN 1366-4 and DIN 4102-1.

## Features

- Good resistance to moisture & mould.
- Great results at low temperatures.
- Good adhesive & filling properties.
- Good insulator of temperature & sound.
- Good adherence on various building materials.
- Easy to use & Fast curing.
- Very good adherence on various building materials.
- High-quality result under various weather conditions.
- Application with foam gun.

## Application

- Installation of fire-proof doors & windows.
- Sealing of joints in fire rated walls.
- Insulation of feed through of pipes and cables.
- Sealing and fixation of pipes as well as thermal insulation any place where high fire-proof ness is required.



750ml

<b>Color</b>
Light yellow
<b>Package</b>
Aerosol can 12 pcs in a box
<b>Shelf Life</b>
18 months when seal not opened



Property	Unit	Value
Tack free time	minute	12–16
Cutting time (30 mm bead)	minute	30–40
Completely cured in joint (at +23 °C)	hour	up to 18
Completely cured in joint (at +5 °C)	hour	up to 24
Density	kg/m3	25–30
Fire resistance class of cured foam (EN1366-4)		EI 45 - EI 180
Fire class of cured foam (DIN 4102-1)		B1
Volume decrease	%	up to 2
Post-Expansion	%	up to 30
Flash point of cured foam	°C	400
Tensile strength (BS 5241)	N/cm2	8
Compression strength at 10% deformation (DIN 53421)	N/cm2	2,5
Thermal conductivity	W/(m·K)	0,034
Temperature resistance of cured foam	°C	long term: -50 to +90 short term: -65 to +110

## HOW TO USE



### IMPORTANT NOTE

- Read all instructions and safety information prior to use of any product. The product contains no formaldehyde. Cured foam is non-toxic.
- Contents are under pressure.
- Do not puncture or incinerate.
- Do not place in hot water or near radiators, stoves or other sources of heat.
- Use only in well-ventilated areas.
- Wear impervious gloves, protective eyewear, and suitable work clothes

### SAFETY ADVICE

- The product is flammable.
- Protect from overheating and keep away from ignitions sources.
- Avoid direct sunlight and do not smoke during work.
- May cause sensitisation by inhalation and skin contact.
- Ensure sufficient ventilation during application.
- Wear safety glasses and gloves.
- Keep out of the reach of children.
- Cured foam can be handled without any danger to health.