

1K Fire Rated Foam B1

High performance one-component expanding
Fire Rated PU foam



Description

ICFS High-quality fire insulation foam with straw applicator with low post expansion for demanding users. The new and narrower straw applicator ensures good foam structure and high output. The new trigger is suitable for temporary airtight sealing of the straw during work pauses.

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.
- Usable with the delivered straw applicator.
- Easy to use & Fast curing.
- The new and narrower straw ensures better foam structure and higher output.
- The new trigger is suitable for temporary air-tight sealing of the straw during work pauses

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

One time use only

| |
|--------------------------------|
| Color |
| Light yellow |
| Package |
| Aerosol can 12 pcs in a box |
| Shelf Life |
| 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/m ³ | 25–30 |
| 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/cm ² | 8 |
| Compression strength at 10% deformation (DIN 53421) | N/cm ² | 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.