

1K Assembly Foam

High performance one-component expanding PU foam



Description

ICFS FOAM 1K is a one-component, self expanding, ready to use polyurethane foam with CFC - free propellants, which are completely harmless to the ozone layer.

Features

- Excellent adhesion on most substrates (except Teflon, PE and PP)
- High thermal and acoustical insulation.
- Very good filling capacities.
- Excellent stability (no shrink or post expansion)
- Excellent mounting capacities.

Application

- Installation of window and door frames.
- Filling of cavities.
- Sealing of all openings in roof constructions.
- Creation of a soundproof screen.
- Mounting and sealing of window and door frames.
- Connecting of insulation materials and roof constructions.
- Application of soundproofing layers on motors.
- Improving thermal insulation in cooling systems.



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) | | B3 |
| Volume decrease | % | up to 2 |
| Post expansion | times | 2-2,5 |
| Flash point of cured foam | °C | 400 |
| Tensile strength (BS 5241) | N/cm ² | 11 |
| Compression strength at 10% deformation (DIN 53421) | N/cm ² | 3 |
| Thermal conductivity | W/(m·K) | 0,036 |
| Temperature resistance of cured foam | °C | long term: -50 to +90 short term: -65 to +110 |

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified.

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 when using.

SAFETY ADVICE

- Keep out of children's reach.
- Keep upright Shelter from direct sunlight. Do not expose to temperatures exceeding 50°C.
- Do not pierce or burn even after use.
- No smoking during the whole spraying procedure.
- For safety reasons, please wear protective gloves as well as goggles before using Spray PU foam, and do not draw them off until the whole procedure is finished.

1K Assembly Foam PRO

High performance Gun-Grade expanding PU foam



Description

ICFS FOAM PRO with CFC-free propellant is a one-component, self expanding, ready to use polyurethane foam. It contains CFC-free propellants, which are completely harmless to the ozone layer.

Features

- Excellent adhesion on most substrates (except Teflon, PE and PP)
- High thermal and acoustical insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)
- Very precise application due to the foam gun system resulting in controlled expansion
- Low expansion

Application

- Installing of window and door frames.
- Filling of cavities.
- Sealing of all openings in roof constructions.
- Creation of a soundproof screen.
- Mounting and sealing of window and door frames.
- Connecting of insulation materials and roof constructions.
- Application of a soundproofing layer on motors.
- Improving thermal isolation in cooling systems.



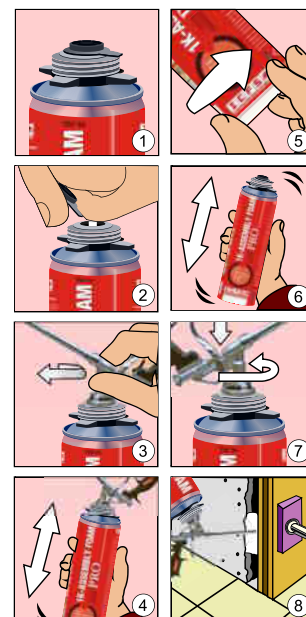
750ml

| |
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| 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 12 |
| 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) | | B3 |
| Volume decrease | % | up to 2 |
| Flash point of cured foam | °C | 400 |
| Tensile strength (BS 5241) | N/cm ² | 10 |
| Compression strength at 10% deformation (DIN 53421) | N/cm ² | 3 |
| Thermal conductivity | W/(m·K) | 0,034 |
| Dimensional stability (TM1004) | % | approx 5 |
| Cutting time (TM1005) | min | 30-35 |

HOW TO USE



Remark : For gun/professional foam, an additional foam gun dispenser is needed to spray (Needs to buy separately). In such case, you may also need to buy foam cleaner to clean the gun adapter after 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 when using.

SAFETY ADVICE

- Keep out of children's reach.
- Keep upright Shelter from direct sunlight. Do not expose to temperatures exceeding 50°C.
- Do not pierce or burn even after use.
- No smoking during the whole spraying procedure.
- For safety reasons, please wear protective gloves as well as goggles before using Spray PU foam, and do not draw them off until the whole procedure is finished.

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

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| 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.

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

Color

Light yellow

Package

Aerosol can 12 pcs in a box

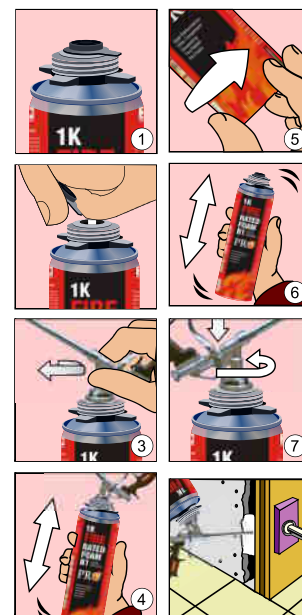
Shelf Life

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/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.

Gun & Foam Cleaner

Cleaning Spray for removal of uncured Construction Foam tools and surfaces



Description

Gun & Foam Cleaner is a ready to use cleaning can for ICFS Gun and PU Foam Pro.

Features

- Gun & Foam cleaner used in cleaning cans for use on ICFS PU Foam Gun and foams.
- By Gun & Foam cleaner Cleaning of the valves of the ICFS PU Foam
- By Gun & Foam cleaner Removal of uncured foam.
- Gun & Foam cleaner Used in conjunction with ICFS PU Foam Gun and the foam Applicator as cleaning fluid.



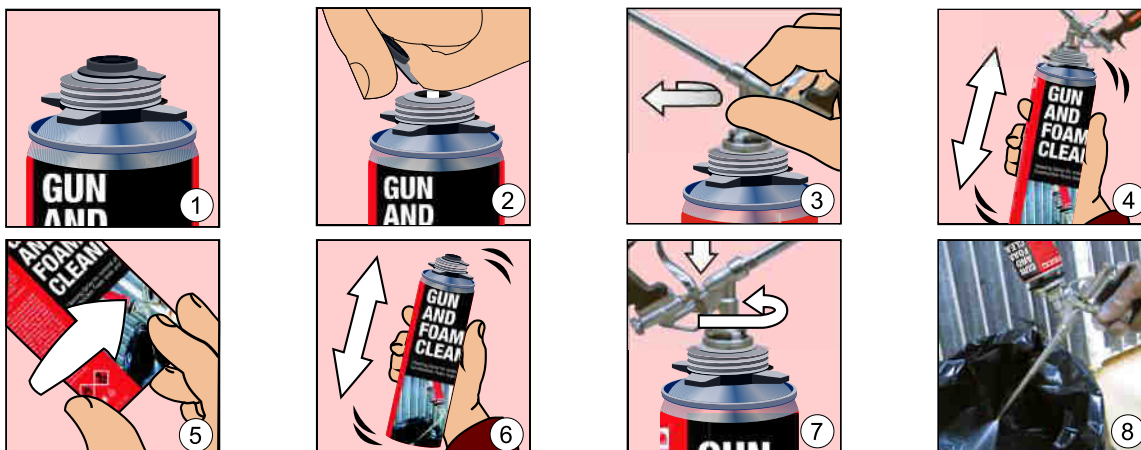
Application

- Cleaning of the gun.
- Cleaning of the valves of the PU Foam.
- Removal of uncured foam.

IMPORTANT NOTE & SAFETY ADVICE

- Extremely flammable aerosol.
- Keep out of reach of children.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Store in a well ventilated place.
- Dispose of the contents/containers in accordance with the current legislation on waste treatment.
- Repeated exposure may cause skin dryness or cracking.
- No Smoking.

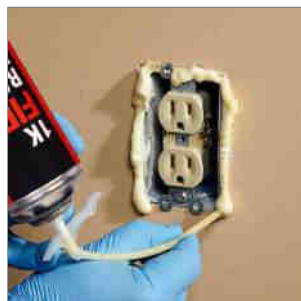
How to Use



⚠ Caution for all Foam range

- Wear gloves & safety goggles.
- Moisten the surface.
- Firmly shake the canister at least 20-30 times.
- Attach the adapter / gun to the canister. Use the set screw to adjust the foam yield. (For gun foam)
- Turn the canister & apply the foam.
- Cut any surplus foam after curing.

Foam Applications



Accessories



Straw



Gun





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