

# Firefoam Resist



## 3 h insulation fire retardant polyurethane foam, assembly and airtightness for foamgun, professional 750 ml

**Firefoam Resist** is a 3 h insulation fire retardant polyurethane foam, expansive for foamgun with superior quality for the use in construction, automotive and houses. It is perfectly suitable for acoustic and thermal insulation of roofing and walls and has very high thigness against smokes and gas leakages. **Firefoam Resist** is perfect for fire-retardant installation.

**Firefoam Resist** allows the mounting of panels due to it's high adhesion power on almost all kinds of materials and to clog all air leakges and opennings.

**Firefoam Resist** foam has a professional dosage unit for a more accurate and efficient application in woodworking, conduits and tubes. It also avoids construction elements to move like doors, windows... Without CFC or HCFC. Aerosol 750 ml

### Main applications for Firefoam Resist :

- Insulation, fireproof and monting PU foam
- Airtightness of constructions against air leaks
- Sealing of pipes and ducts in walls and ceilings
- Bonding of insulation panels on walls
- Filling and shimming of doors and windows in masonry
- Pipes sealing
- Airproofing of technical ducts in roofing
- Bonding of plasterboards (Placoplatre)
- Filling of expansion joints
- Water and moisture resistant, hydrophobic and molds resistant
- Excellent airtightness against smokes and gaz
- 3 h B1 fire retardant foam, DIN 4102-1

- Filling of roof windows, joints in carpentry
- Expanded and extruded polystyrene insulation pannels, glass wool, mineral wool and polyurethane boards
- Sealing of beams in masonry
- Excellent thermal and sound insulation of walls, roofs, ceilings, concrete slabs, floors, etc.
- Use for car bodies, motor-homes, caravans
- Waterproofing and filling of ship hulls, marine industry and sailing
- Insulation of metallic structures or polyester swimming-pools

### Technical information of Firefoam Resist :

- Packaging : aerosol 750 ml
- Base : polyurethane
- Colour : pink
- Propellant : without CFC, HCFC and HFC
- Density of cured foam : 25-30 kg/m<sup>3</sup>
- Application temperature : from +5°C to +30°C. Optimal from +15°C to +20°C
- Skin formation : 12-16 mn (23°C et 50 % relative humidity)
- Time before cutting (30 mm rul) : 30-40 mn (23°C and 50 % relative humidity)
- Fully loadable (20 mm rul) : 24 h (23°C and 50 % relative humidity)
- Temperature resistance :from -40°C to +90°C
- Short time resistance temperature : from -40°C to +130°C
- Reaction to fire : B1 DIN 4102-1 (low flammability)
- Fire resistance classification EN 1366 : EI 20 – EI 180
- Fireproof : up to 180 mn maximum
- Volume shrinkage : none
- Volume increase : 30 %
- Flash point of cured foam : 400°C
- Tensile strength BS 5241 : 8N/cm<sup>2</sup>
- Shear strength at 10 % DIN53421 2,5 N/cm<sup>3</sup>
- Coefficient of heat conduction : 0,034 W/(m-K)
- Noise reduction index RST : 60 dB
- temperature resistance of cured foam : long-term : from -50°C to +90°C, short- term trom -65°C to +130°C

- Fire resistance test according to european standard EN 1366-4 :

Specifications								
Joint Depth in mm	100	100	100	100	200	200	200	200
Joint width in mm	40	30	20	10	40	30	20	10
El, min.	45	45	60	60	120	120	150	180

- Yeal of released product : approx. 40 l
- Adhesion on almost kinds of surfaces : concrete, bricks, plaster, polystyrene, PVC, metals, wood, but not on silicone, polyethylene (PE), polypropylene (PP), and PTFE
- Can be covered or filled by plaster
- Can be overpainted
- Professional quality foam for foamgun
- Shelf life : 12 months between +5°C et +25°C in a cool dry place away from frost.
- Spray can must be stored and transported in vertical position
- Always read the safety data sheet (SDS) before use

#### Instructions of use of Firefoam Resist :

- Clean all surfaces from grease and dust to obtain a clean support for a better adhesion. Use **Bio-Clean**, **Power Foam** ou **Ultra-Cleaner** to prepare your surfaces
- Humidify all surfaces with a spray bottle to obtain a better expansion and adhesion of the insulating foam
- Shake thoroughly the aerosol 20 times before use
- Close the dosage flow of the foamgun with the screw
- Screw completely the aerosol **Firefoam Resist** on your foamgun
- Open the dosage screw according to the requested flow
- Remove immediately smudges of uncurrred **Firefoam Resist** on your foamgun or on surfaces with **PU Clean**.
- Clean your hands with **Ultra-Wipes** if you have forgotten to wear gloves
- As a safety precaution, always wear gloves and clothes with long sleeves to protect your skin from PU foam. Always wearing safety goggles to protect your eyes.
- Application temperature: from + 5°C to +30°C
- Keep away from children

#### Packaging :

Article Nr	Product	Packaging	Content	Unit	Packing
784250	Firefoam Resist	aerosol	750	ml	12

#### Related products of Firefoam Resist :

- **PU Clean** : Cleaner for polyurethane foamguns and PU smudges
- **Power Foamgun** Professional PU foam gun
- **Bio-Clean** Biodegradable cleaner for automotive, bicycles, motorbikes, mechanics, building and industry
- **Ultra-Cleaner** Ultra-power cleaner and degreaser for automotive, bikes, motorbikes, industry and building
- **Power Foam** Powerful ready to use foam cleaner, all surfaces
- **Bio-Wipes** Recycled and eco-friendly cleaning wipes for grease, lubricants, dirt, painting, sealants all surfaces

## **Safety instructions and conditions of use of products - Liability**

All given information of product sheets are established under our current knowledge and are indicated as approximate datas and should not be considered as exhaustive. Products are subject to modification without any prior information which could lead to variations of applications and performances. Always use the latest updated technical sheet. We are not responsible for any damage or loss due to information or errors in that document which are in any way not a guarantee.

Considering the large quantity of materials and supports, application methods different for each use, storage and transportation conditions which are totally out of our control, we are not liable for any damage or loss, directly or indirectly caused by the use of our products.

We strongly recommend the user to make prior testings to make sure the product is suitable for the intended application or use.

Always wearing individual safety protection equipments when using our products like gloves, long sleeves, full covering clothes, glasses, masks, etc.

The user is also informed to read the latest Safety Sheet before using our products concerning all safety instructions which are on the packaging of the product.

Always keep out of the reach of children and store products in a locked storage area.

Avoid any chemical contact during pregnancy or while nursing for the safety and the health of the baby to avoid foetal malformations.

If swallowed, immediately call a doctor or the hospital or the closest poison with the packaging of the product and/or the Safety Sheet of the product.

In case of allergy, inhalation or contact of the eyes with the product, rinse cautiously with water for several minutes or remove person to fresh air and keep comfortable for breathing and in case of emergency, contact a doctor or the hospital or the closest poison with the packaging of the product and/or the Safety Sheet of the product. Do not breath spray. Use only outdoor or in a well ventilated area.

Avoid any release to the environment. Eliminate the content and the container in the specific collection of your city in accordance with local/regional/national regulations. Harmful to aquatic life with long lasting effects.

No smoking. Keep container tightly closed. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source to avoid any burn or fire. Protect from sunlight. Store in a cool and well-ventilated place.

Safety Data Sheet on request

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