

REFORAC FIRE RETARDANT PU FOAM

TECHNICAL DATA SHEET

1. PRODUCT DESCRIPTION & USES:

Reforac Fire Retardant Foam is a one component fire retardant isolation and construction foam designed to make a fire retardant seal between construction parts, generally developed for stone. CFC-free, one part, moisture curing polyurethane foam with an excellent stability. Self expanding, ready to use.

Designed with an excellent adhesion on most substrates (except Teflon, PE and PP) with high thermal and acoustic properties.

APPLICATION AREAS:

Joints between separation walls, ceiling and floors.
Joints around transits of wires and piping through walls and floors.
Perimeter joints around window and doorframes.

In general the foam has excellent adhesion on concrete, brick, stone, plaster, wood, metal and many plastics like polystyrene foam, rigid PU foam and uPVC.

2. GENERAL DATA & CHEMICAL PROPERTIES:

Chemical basis	Polyurethane
Cure Mechanism	Moisture curing
Skin formation (20°C/55% RH)	8-12 minutes
Cutting time	Mounting foam 80- 120 minutes Gun foam 25-35 minutes
Drying time (20°C/55% RH)	Dust free after 20-25 minutes
Curing rate (20°C/55% RH)	4-24 hours
Yeild	30-40 L cured foam
Shrink	None
Cellular structure	ca 705 closed cells, medium fine
Specific gravity	Mounting foam 20-30 kg/m ³ (extruded, fully cured) Gun foam 15-25 kg/m ³ (extruded, fully cured)
Temperature resistance	-40°C to +90°C when cured
Fire clas (DIN 4102 PART 2)Q	B1

APPLICATIONS AND LIMITATIONS:

It is recommended that the Material Safety Data Sheet be consulted before product is used. Surfaces to be bonded must be perfectly clean, dry and free from dust, grease oils and debris. Protect eyes and wear gloves and working clothes. Tapestry, floor-covering and furniture to be covered with paper or plastic foil.

Shake the aerosol can for at least 20 seconds. Put the adaptor on the valve; moisten surfaces with a water sprayer prior to application. Remove pressure from the application to stop. Fill holes and cavities for 50% as the foam will expand. Repeat shaking regularly during application. In case working in layers, repeat moistening after each layer.

Fresh foam can be removed using Foam Cleaner or acetone. Cured foam can only be removed mechanically.

Not recommended for locations subject to continuous water immersion and not filling secluded areas or joints wider than 4cm. Wider joints and joints deeper than 5cm are to be filled in multiple layers. Waiting time between applications 15-30 minutes, lightly spray with water prior to application. The foam surface must be protected from UV-light. Cured foam can only be removed mechanically.

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Minimum joint width 10 mm

Minimum joint width 40 mm

Joint relation per application	Width	Depth
	10mm	80mm
	20mm	60mm
	30mm	40mm
	40mm	30mm

Filling Rate mounting foam 50-60%

Filling Rate gun-foam 65-75%

STORAGE:

- Reforac Fire Retardant Foam can be stored for 12 months in its original packing, in a cool, dry places, between temperature of + 5°C to +25°C
- The storage temperature should not exceed 25°C for extended periods of time.
- Keep away from heat sources.
- Always store the can with the VALVE POINTED UPWARDS.

COLOUR:

- Red

PACKAGING:

- 750 ml Mounting foam with safety valve
- 750 ml Gunfoam

Material Safety Data Sheet available on request.

SPECIALISTS IN COATINGS ADHESIVES SEALANTS AND TAPES

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