

RASIKY RapidFoam FIRE RETARDANT PU FOAM; GUN TYPE



RASIKY FIRE RETARDANT PU FOAM is a one component, self-expanding, moisture curing, special purpose polyurethane foam sealant specifically formulated off-white in colour. Ideally suited for areas where product needs to comply with fire rating regulations. It is environmentally friendly and when cured non-toxic.

PRODUCT FEATURES

- Excellent adhesion to a wide variety of surfaces such as UPVC, masonry, brick, block work, glass, steel, aluminium, timber and other substrates(except PP, PE and Teflon);
- High thermal and acoustical insulation;
- Very good filling capacities;
- High Bonding strength with B1 Fire class according to DIN4102 part 2;
- Application temperature between +5°C to +35°C ;
- Optimal application temperature between +18°C to +25°C ;
- Environmentally friendly. It contains CFC-free propellants which are harmless to the ozone layer.

MAIN APPLICATIONS AREAS

- Application where fire retardant properties are required;
- Installing, fixing and insulating of door and window frames;
- Filling and sealing of gaps, joints, openings and cavities;
- Connecting of insulation materials and roof construction;
- Bonding and mounting;
- Insulating electrical outlets and water pipes;
- Thermal preservation and sound insulation;
- Packaging, wrap the fragile commodity in vinyl then lay into wet foam.

ATTENTION! Cured PU foam must be protected from UV radiation by painting or applying a top layer of sealant, plaster, mortar, or other type of covering. Adhesion of the product is weak on polyethylene, Teflon® and some other plastic surfaces.

APPLICATION INSTRUCTIONS

- Shake the aerosol can for at least 40 seconds;
- Clean and moisten surfaces with a water sprayer prior to application;
- Fit the gun onto the adaptor.
- Firmly screw the can on the adapter (2-finger tight) and turn the flow adjustment screw; Fill the holes and cavities.
- Bottom up during application; Foam will be tack-free in about 10 minutes; Excess can be trimmed in under one hour;
- Fresh foam can be removed by using RASIKY RapidCleaner or acetone. Cured foam can only be removed mechanically

SAFETY RECOMMENDATION

- Do not breathe spray/vapor; In case of eye contact, flush with water and get immediate medical attention.
- Use in well-ventilated areas;
- Wear suitable protective clothing, gloves and goggles;
- Keep away from direct sunlight and do not expose to temperatures over 50°C ;
- Do not burn or pierce even after use;
- Keep away from heat, sparks, flames and static electricity; Turn off sources of ignition (pilotlight etc.); Keep out of reach of children.

TECHNICAL DATA

Base	Polyurethane
Curing System	Ambient moisture
Shrink	None
Cellular Structure	50-60% open cells
Fully cured in	36 hours
Tack free in	10 minutes
Cutting time	Under 1 hour
Yield	40-45 liters
Expansion	180%
Specific Gravity	20-25kg/m ³
Temperature Resistance	-40°C to +90°C, short peaks to 120°C
Safe Application Temperature	+5°C to +35°C
Colour	Off-white
Fire Class (DIN 4102)	B1
Compressive Strength	>180kPa
Tensile Strength	>30kPa (10%)
Adhesive Strength	120kPa
Water Absorption	0.3-0.8ml (no epidermis), 0.1ml (with epidermis)
Thermal Conductivity	0.04W/m ² K
Soundproofing Capacity	70dB

All measurements on norm. climate (+23 ± 2 °C | RH 50 ± 5%) unless indicated otherwise.

SHELF-LIFE | STORAGE AND HANDLING

36 months in unopened packaging
Store at a temperature between +5°C to +25°C ,
Keep in cool, shaded and well-ventilated area.
Always store the can with the valve pointed upwards

PACKAGING

750ml/can; 12pcs/ctn. Fill weight 850g/can, Gross weight 950g/can

For safety precautions and disposal instructions, see the corresponding product Material Safety Data Sheet.