

TECHNICAL DATA SHEET

FANXIFOAM PU FOAM

FANXIFOAM PU FOAM is a one-component, economical type and good performance Polyurethane foam. It is fitted with a plastic adapter head for use with a foam application gun or a straw. The foam will expand and cure by moisture in the air. It is used for a wide range of building applications. It is very good for filling and sealing with excellent mounting capacities, high thermal and acoustical insulation. It is environmental friendly as it does not contains any CFC materials.

PRODUCT FEATURES

- Low Foam Pressure/Low Expansion – will not warp or deform windows and doors
- Quick Setting Formulation – can be cut or trimmed in less than 1 hour
- Closed Cell Structure does not absorb moisture
- Flexible/Will not crack or dry out

APPLICATIONS AREAS

- Application where fire retardant properties are required;
- Installing, fixing and insulating of door and window frames;
- Filling and sealing of gaps, joint, openings and cavities;
- Connecting of insulation materials and roof construction;
- Bonding and mounting;
- Insulating the electrical outlets and water pipes;
- Heat preservation, cold and sound insulation;
- Packaging purpose, wrap the precious & fragile commodity, shake-proof and anti-pressure.

APPLICATION INSTRUCTIONS

- Remove the dust, greasy dirt on the surface before construction.
- Spray a little water on construction surface when the humidity is below 50 degrees, otherwise the heartburn or punch phenomenon will appear .
- The flow rate of the foam can be adjusted by the control panel.
- Shake the container for 1 minute before using, connect material container with spray gun or spray pipe, the filler content is 1/2 of the gap.
- Use dedicated cleaning agent to clean the gun Surface drying time is about 5 minutes, and it can be cut after 30 minutes, after 1 hour the foam will be cured and achieve stable in 3-5 hours.
- This product is not UV-proof, so it is suggested to be cut and coated after the foam curing (such as cement mortar, coatings, etc.)
- Construction when temperature is lower than -10 °C, to ensure the material can be exhausted and increase the foam expansion, it should be heated by 40 °C to 50 °C warm water

STORAGE AND SHELF LIFE

12 months in unopened packing store in temperature between +5°C to +25°C, Keep in cool, shade and well ventilated area. Always keep the can with the valve pointed upwards.

PACKAGING

750ml/can, 500ml/can, 12pcs/ctn for both Manual type and Gun type.
Gross weight is 350g to 950g upon requested.

SAFETY RECOMMENDATION

- Store the product in a dry, cool and atmospheric place with temperature under 45°C.
- The after-use container is forbidden to be burnt or punctured.



- This product contains micro harmful element, has certain stimulation to eyes, skin and respiratory system, In case the foam sticks to eyes, washing the eyes with clean water immediately or follow the doctor's advice, washing the skin with soap and clean water if touching the skin.
- There should be atmospheric condition in construction site, the constructor should wear work gloves and goggles, don't be close to combustion source and don't smoke.
- It is forbidden to invert or side lay in storage and transportation. (long inversion can cause valves blocking)

TECHNICAL DATA

Base	Polyurethane
Consistency	Stable Foam
Curing System	Moisture-cure
Tack-Free Time (min)	8-15
Drying Time	Dust-free after 20-25 min.
Cutting Time (hour)	1 (+25°C) 8~12 (-10°C)
Yield (L)	55
Shrink	None
Post Expansion	None
Cellular Structure	70~80% closed cells
Specific Gravity (kg/m³)	22-35
Temperature Resistance	-40°C~+80°C
Application Temperature Range	-18°C~+35°C
Color	Champagne
Fire Class (DIN 4102)	B3
Insulation Factor (Mw/m.k)	<20
Compressive Strength (kPa)	>170
Tensile Strength (kPa)	>30 (10%)
Adhesive Strength(kPa)	>180
Water Absorption (ML)	0.3~8(no epidermis) <0.1(with epidermis)

