B1 Class Fire Resistant PU Foam Gun Type

The GNS® B1 Class Fire Resistant PU Foam Gun Type is an one-component, high quality B1 fire retardant polyurethane foam. The foam will expand and cure by moisture in the air. It is fitted with a plastic adapted head for use with a foam application gun. B1 Class Fire Resistant PU Foam has an excellent performance for installation of doors and windows. High grade fire resistance and heat insulation, also can be met fire safety requirements.
Mainly used for installation, fixing and insulation of door and window frames; filling and sealing of gaps, joints, openings and cavities.

GNS is a professional China GNS® B1 Class Fire Resistant PU Foam Gun Type manufacturer and supplier, if you are looking for the best B1 Class Fire Resistant PU Foam Gun Type with low price, consult us now! We enjoy a reputation of quality, ethics and service, we are expecting become your long-term partner in China.

1.PRODUCT FEATURE OF GNS® B1 CLASS FIRE RESISTANT PU FOAM GUN TYPE

●Excellent adhesion to a wide variety of surfaces such as UPVC, masonry, brick, block work, glass, steel, aluminum, timber and other substrates (except PP, PE and Teflon);
●Self-extinguish when the fire leave;
●High thermal and acoustical insulation;
●Strong surface after curing;
●Conform to fire class B1 (DIN 4102)
●Application temperature between +5℃ to +35℃;
●Optimal application temperature between +18℃ to +30℃;
●Environmentally friendly. It contains CFC-free propellants which are harmless to the ozone layer.

Tel:+86-20-84267539
Email:enquiry@gnsealant.com

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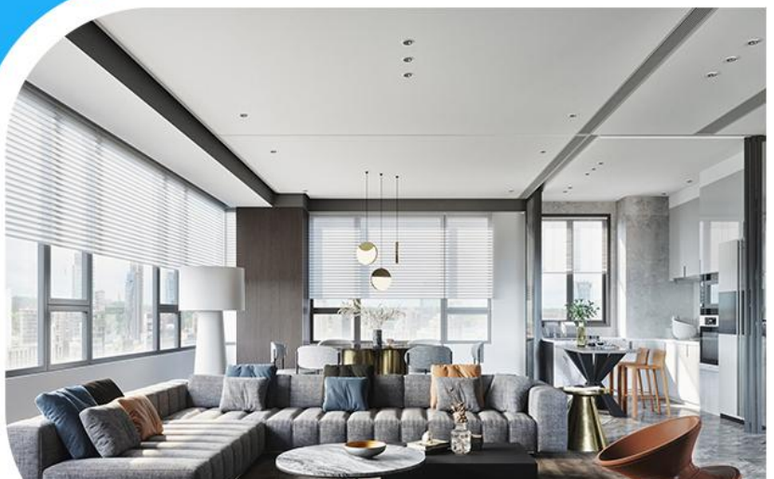
FLAME RETARDANT MATERIAL

- Good flame retardancy
- with self-extinguishingeffect after flaming
- High safety factor

STABLE FOAM QUALITY

- Pre-expansion
- Good adhesion
- Smooth cell density
- No shrinkage

BETTER INSULATION FACTOR



- Cold insulation
- Sound insulation
- Heat preservation

Gun Type

Straw Type

2.PERFORMANCE DATA OF GNS® B1 CLASS FIRE RESISTANT PU FOAM GUN TYPE

Base	Polyurethane
Consistency	Stable Foam
Curing System	Moisture-curing
Tack-Free Time (min)	7~8
Drying Time	Dust-free after 12-14 min.
Cutting Time (min)	50~60
Yield (L)	28
Shrink	None
Cellular Structure	>84% close cells

Specific Gravity (kg/m³)	20
Temperature Resistance	-50℃~+80℃
Application Temperature Range	+18℃~+30℃
Colour	White
Fire Class (DIN 4102)	B1
Insulation Factor (Mw/m.k)	0.041
Compressive Strength (kPa)	130
Tensile Strength (kPa)	170
Adhesive Strength(kPa)	135
Water Absorption (ML)	0.3~8(no epidermis) <0.1(with epidermis)

3. APPLICATIONS AREAS OF GNS® B1 CLASS FIRE RESISTANT PU FOAM GUN TYPE

●Installing, fixing and insulating of door and window frames;
●Filling and sealing of gaps, joint and openings;
●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.

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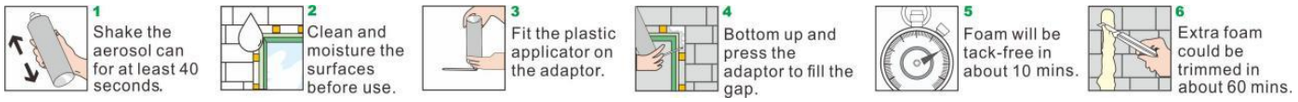
PRODUCT APPLICATION RANGE

Installation of door and window frames

Fill the gap

Door and window fixing

4.APPLICATION INSTRUCTIONS OF B1 CLASS FIRE RESISTANT PU FOAM GUN TYPE



5.STORAGE AND SHELF LIFE OF B1 CLASS FIRE RESISTANT PU FOAM GUN TYPE

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

6.PACKING, SHIPPING AND SERVING OF B1 CLASS FIRE RESISTANT PU FOAM GUN TYPE

Packing: 750ml 500ml 300ml, 12 cans/carton. (For special specifications, please contact us.)
Shipping: Sea or land transportation
Serving: We provide free design service, and you'll get excellent after-sales service, we committed to solving any problems that may occur when you use our products.

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OUR FACTORY

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COMPANY PROFILE

- The biggest PU foam manufacturer in Asia
- 19 years export experience
- Sold to 77 countries and areas
- Equipped with 32 advanced full-automatic production line
- 55% market share in China
- Accredited to all kinds certificates

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7.FAQ

Q: Why does the PU foam turn yellow after a long time?

A: Normally it will turn yellow when the cured foam exposed to ultraviolet rays for a long time.

Q: If the PU foam shrinks after curing, what effect will it bring?

A: It will damage doors and windows and the performance of PU foam will be reduced.