



B2 Fire Rated PU Expandable Foam Gun Type

The GNS[®] B2 Fire Rated PU Expandable Foam Gun Type is an one-component, B2 fire class 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. B2 Fire Rated PU Expandable Foam has excellent adhesion and sound insulation performance and excellent adhesion ability. Mainly used for installation, fixing and insulation of door and window frames; filling and sealing of gaps, joints, openings and cavities.

For GNS[®] B2 Fire Rated PU Expandable Foam Gun Type, everyone has different special concerns about it, and what we do is to maximize the product requirements of each customer, so the quality of our B2 Fire Rated PU Expandable Foam Gun Type has been well received by many customers and enjoyed a good reputation in many countries. Looking forward to cooperation with you.

1.PRODUCT FEATURE OF GNS[®] B2 FIRE RATED PU EXPANDABLE 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);
- High thermal and acoustical insulation;
- Very good filling capacities;
- High Bonding strength with B2 fire class in DIN4102 part 2;
- Application temperature between +5°C to +35°C;
- Optimal application temperature between +18°C to +30°C;
- Environmentally friendly. It contains CFC-free propellants which are harmless to the ozone layer.



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B2 FIRE RETARDANT PU FOAM



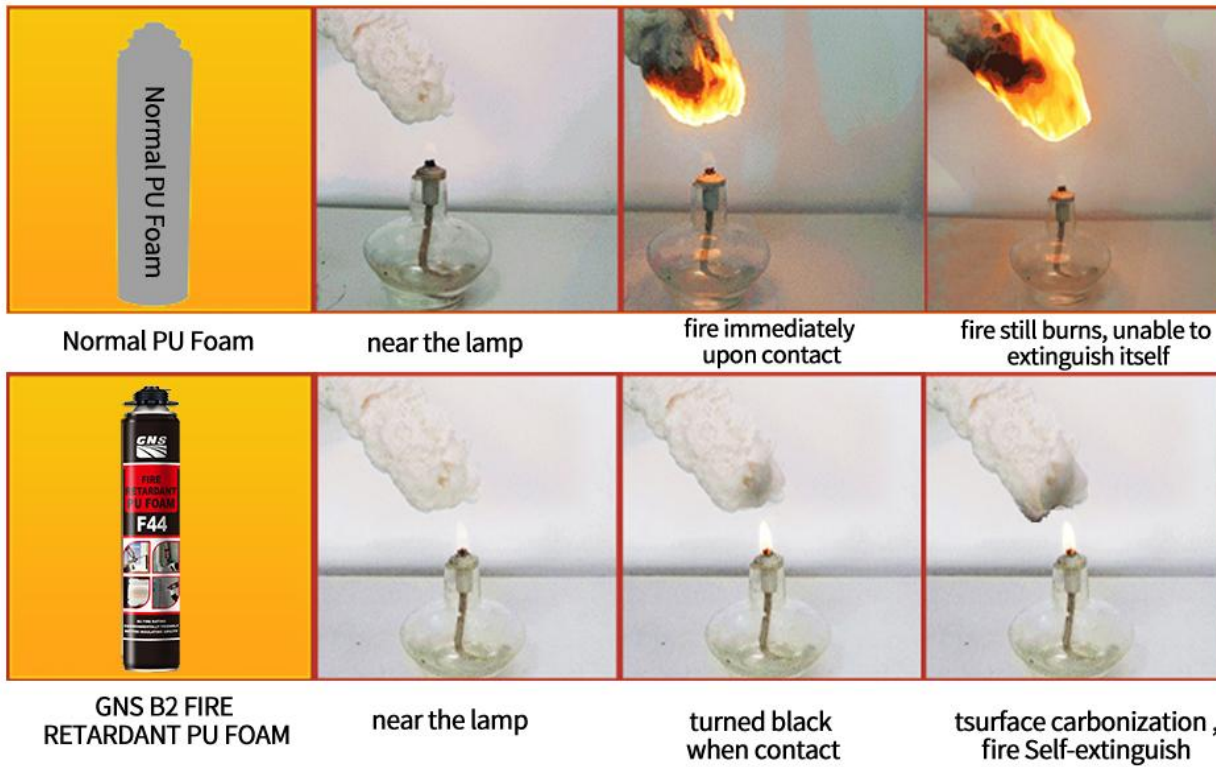
Tel:+86-20-84267539

Email:enquiry@gnsealant.com



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FLAME RETARDANT MATERIAL

- Good flame retardancy
- with self-extinguishing effect after flaming
- High safety factor

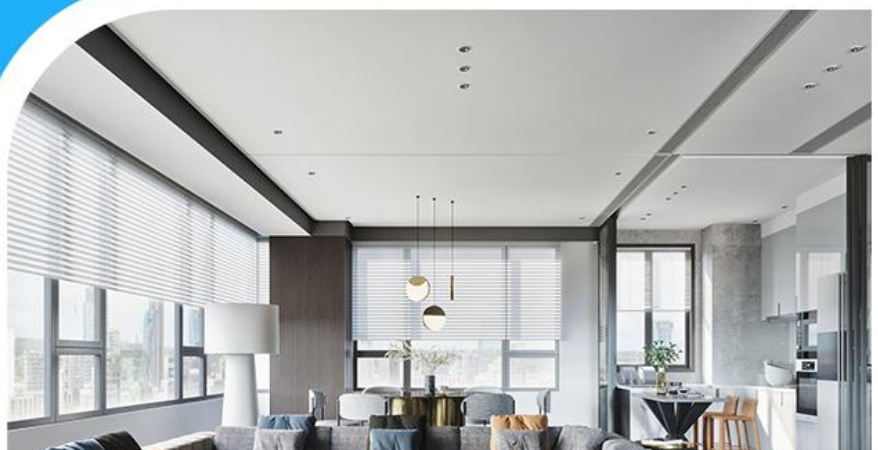


STABLE FOAM QUALITY

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

BETTER INSULATION FACTOR

- Cold insulation
- Good insulation





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Gun Type



Straw Type



2.PERFORMANCE DATA OF GNS® B2 FIRE RATED PU EXPANDABLE FOAM GUN TYPE

Base	Polyurethane
Consistency	Stable Foam
Curing System	Moisture-curing
Tack-Free Time (min)	6~8
Drying Time	Dust-free after 11-13 min.
Cutting Time (min)	40~50

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Yield (L)	26
Shrink	None
Cellular Structure	>84% close cells
Specific Gravity (kg/m ³)	21
Temperature Resistance	-50°C~+80°C
Application Temperature Range	+18°C~+30°C
Colour	White
Fire Class (DIN 4102)	B2
Insulation Factor (Mw/m.k)	0.039
Compressive Strength (kPa)	150
Tensile Strength (kPa)	210
Adhesive Strength(kPa)	180
Water Absorption (ML)	0.3~8(no epidermis) <0.1(with epidermis)

3. APPLICATIONS AREAS OF GNS® B2 FIRE RATED PU EXPANDABLE 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





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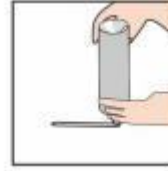
4.APPLICATION INSTRUCTIONS OF GNS® B2 FIRE RATED PU EXPANDABLE FOAM GUN TYPE



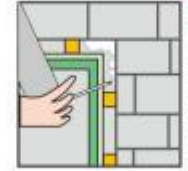
1 Shake the aerosol can for at least 40 seconds.



2 Clean and moisture the surfaces before use.



3 Fit the plastic applicator on the adaptor.



4 Bottom up and press the adaptor to fill the gap.

5.STORAGE AND SHELF LIFE OF GNS® B2 FIRE RATED PU EXPANDABLE FOAM GUN TYPE

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.

6.PACKING, SHIPPING AND SERVING OF B2 FIRE RATED PU EXPANDABLE 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.

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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OUR ADVANTAGES



QUALITY

Provide stable and good quality assurance



PACKING

750ml 500ml 300ml, 12 cans/carton.
(For special specifications, please contact us.)



TRANSPORT

Sea or land transportation



TECHNOLOGY

Establish a joint laboratory with WANHUA & DuPont to create products that meet customer needs



COOPERATION

Customer-centric, looking forward to cooperating with all potential customers



SERVICE

We provide free design service, and you'll get excellent after-sales service

7.FAQ

Q: What factors lead to the drop of PU foam adhesion?

A: Use at low temperature, dust or oil on the bonding surface, or the quality of itself.

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

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

