



GUNUO TIANJIN INDUSTRIAL CO., LTD.

WE HAVE BEEN WORKING HARD!

www.gnspufoamsealant.com



B1 Class Fire Retardant PU Foam Gun Type



You can rest assured to buy customized GNS® B1 Class Fire Retardant PU Foam Gun Type from us. We look forward to cooperating with you, if you want to know more, you can consult us now, we will reply to you in time!

B1 Class Fire Retardant 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 Retardant 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.

GNS is GNS® B1 Class Fire Retardant PU Foam Gun Type manufacturers and suppliers in China. We can provide professional service and better price for you. If you interested in B1 Class Fire Retardant PU Foam Gun Type, please contact with us. We follow the quality of rest assured that the price of conscience, dedicated service.

1.PRODUCT FEATURE OF GNS® B1 CLASS FIRE RETARDANT 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°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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B1 FIRE RETARDANT PU FOAM



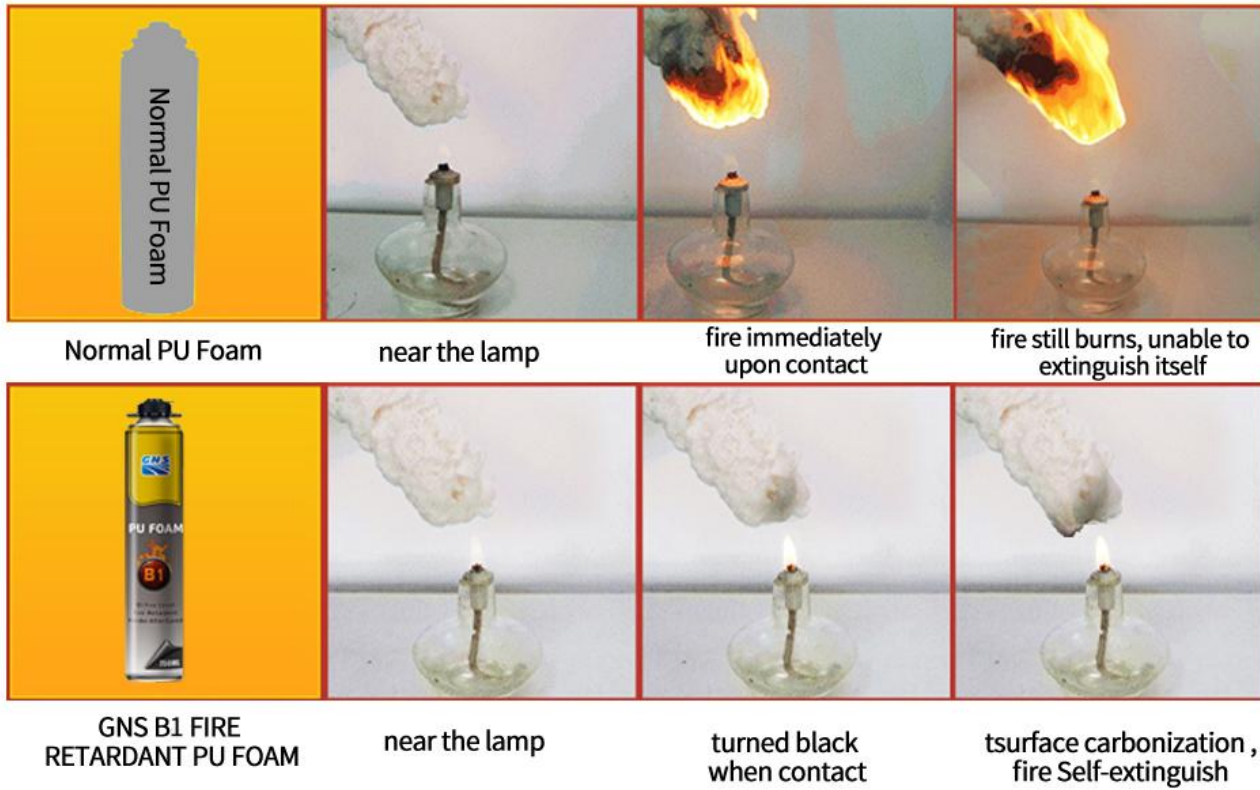
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FLAME RETARDANT MATERIAL

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

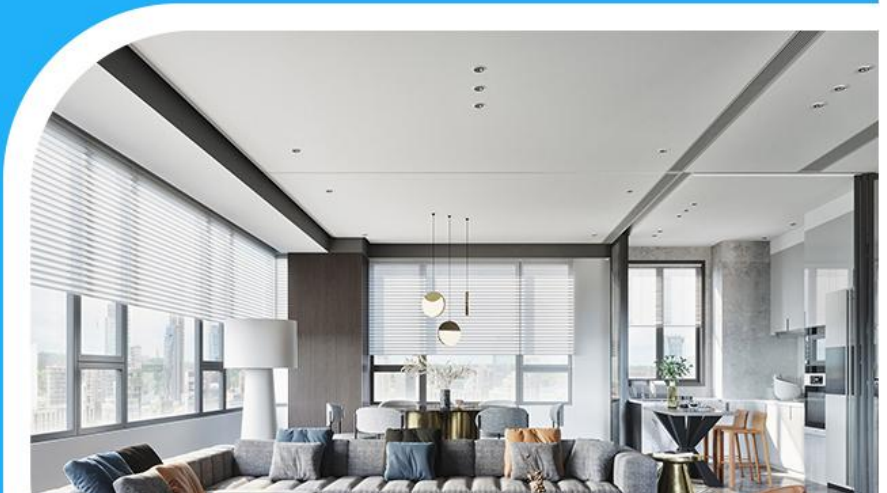


STABLE FOAM QUALITY

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

BETTER INSULATION FACTOR

- Cold insulation
- Sound insulation





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Gun Type



Straw Type



2.PERFORMANCE DATA OF B1 CLASS FIRE RETARDANT 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

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Specific Gravity (kg/m ³)	20
Temperature Resistance	-50°C~+80°C
Application Temperature Range	+18°C~+30°C
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 RETARDANT PU FOAM GUN TYPE

- 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.



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PRODUCT APPLICATION RANGE



Installation of door and window frames



Fill the gap



Door and window fixing



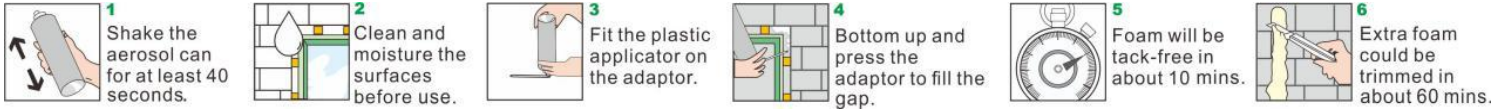


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4.APPLICATION INSTRUCTIONS OF B1 CLASS FIRE RETARDANT PU FOAM GUN TYPE



5.STORAGE AND SHELF LIFE OF B1 CLASS FIRE RETARDANT PU 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 GNS® B1 CLASS FIRE RETARDANT 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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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: 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.

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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.

