B2 Class Fire Resistant PU Foam Gun Type

The GNS® B2 Class Fire Resistant PU Foam Gun Type F44 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 Class Fire Resistant PU 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.

High quality GNS® B2 Class Fire Resistant PU Foam Gun Type can meet many applications, if you need, please get our online timely service about B2 Class Fire Resistant PU Foam Gun Type. And we will offer you the best after-sale service and timely delivery.We look forward to cooperating with you.

1.PRODUCT FEATURE OF GNS® B2 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);
●High thermal and acoustical insulation;
●Very good filling capacities;
●High Bonding strength with B2 fire class in DIN4102 part 2;
●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.

GUNUO TIANJIN INDUSTRIAL CO., LTD.

WE HAVE BEEN WORKING HARD!

www.gnspufoamsealant.com

B2 FIRE RETARDANT PU FOAM

Tel:+86-20-84267539

Email:enquiry@gnsealant.com

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FLAME RETARDANT MATERIAL

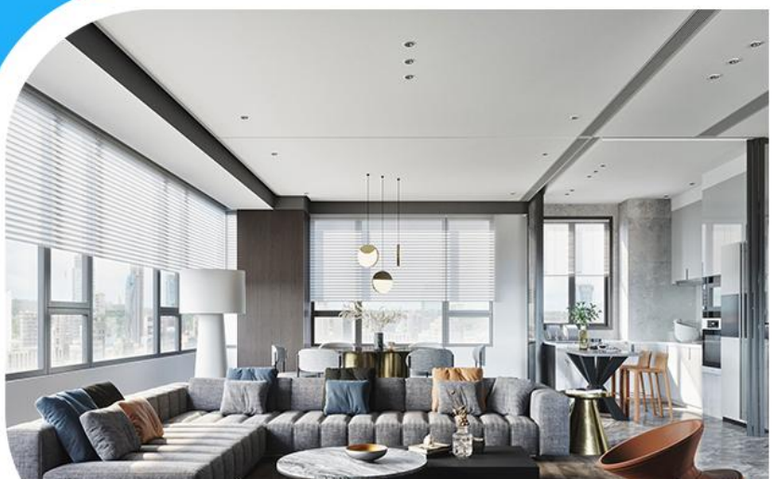
- Good flame retardancy
- with self-extinguishingeffect after flaming
- High safety factor

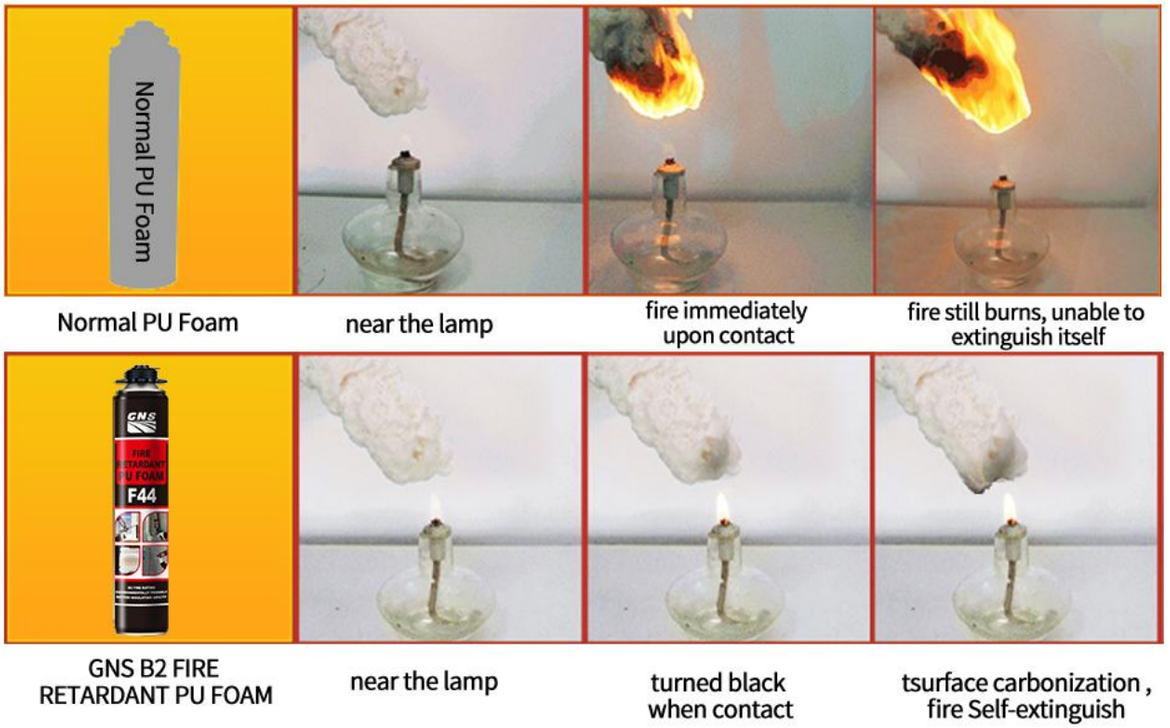
STABLE FOAM QUALITY

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

BETTER INSULATION FACTOR

- Cold insulation
- Sound insulation
- Heat preservation




Normal PU Foam
Normal PU Foam
near the lamp
fire immediately upon contact
fire still burns, unable to extinguish itself
GNS
FIRE RETARDANT PU FOAM
F44
GNS B2 FIRE RETARDANT PU FOAM
near the lamp
turned black when contact
tsurface carbonization , fire Self-extinguish

Gun Type



Straw Type



2.PERFORMANCE DATA OF B2 CLASS FIRE RESISTANT PU 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
Yield (L)	26

Shrink	None
Cellular Structure	>84% close cells
Specific Gravity (kg/m³)	21
Temperature Resistance	-50℃~+80℃
Application Temperature Range	+18℃~+30℃
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 B2 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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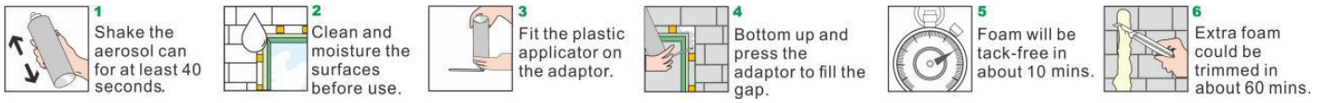
PRODUCT APPLICATION RANGE

Installation of door and window frames

Fill the gap

Door and window fixing

4.APPLICATION INSTRUCTIONS OF B2 CLASS FIRE RESISTANT PU FOAM GUN TYPE



5.STORAGE AND SHELF LIFE OF B2 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 B2 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.

OUR FACTORY

GUNUO TIANJIN INDUSTRIAL CO., LTD.

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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

Tel:+86-20-84267539

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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?

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