



## Roof and Gutter Silicone Sealant

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.



With years of experience in production GUNUO® Roof and Gutter Silicone Sealant, GNS can supply a wide range of Roof and Gutter Silicone Sealant. We will always adhere to the principle of "quality first, client first," and we cordially invite customers to visit us for consultation. We wish to be a long-term partner with you.

### 1.PRODUCT FEATURE OF GUNUO® ROOF and GUTTER SILICONE SEALANT

- One part, can be easily used and extruded with common caulking guns.
- Excellent adhesion to most construction materials without the primer.
- Outstanding weatherproofing ability, resisting to ultraviolet ray (UV), ozone, snow or temperature extremes.
- Neutral cure, non-acidic, will not corrode metal or other corrosion-sensitive material.



GUNUO TIANJIN INDUSTRIAL CO., LTD.  
WE HAVE BEEN WORKING HARD!

[www.gnspufoamsealant.com](http://www.gnspufoamsealant.com)



## SILICONE SEALANT QUALITY

- Good Adhesion
- No Bubbles
- Multiple Colors

## BETTER APPLICATION FACTOR

- Good Elasticity
- Not East To Break
- Good Recovery



## STRUCTURAL SILICONE SEALANT

- Comply with global standard

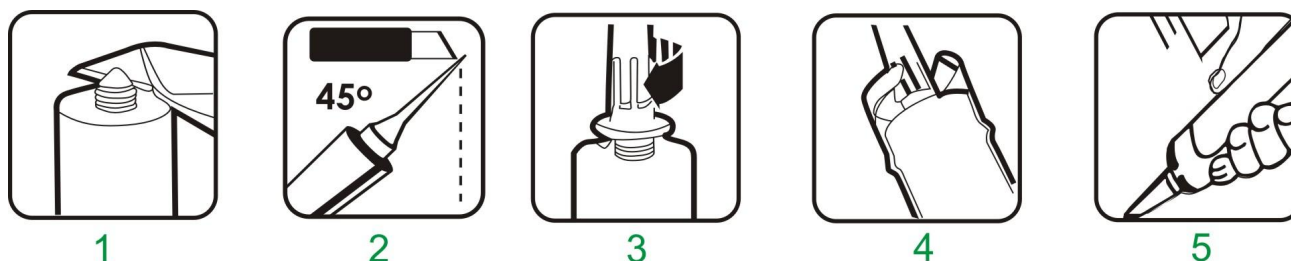
## 2.TYPICAL PROPERTIES OF GUNUO® ROOF and GUTTER SILICONE SEALANT

Test Parameter	Unit	Result	
		Translucent	Pigmented
As Supplied Tested at 23℃ and 50% RH			
Specific Gravity	g/ml	1.00±0.02	1.32±0.02
Flow (sag or slump)	mm	0	0
Extrusion Rate Skin Time	ml/minute minute	100 5~10	123 ≤80
Tack-free Time	hour	≤1	≤8
Curing time (5mm)	hour	≤12	≤15
As Cured-after 21 days at 23℃ and 50% RH			
Durometer Hardness, Shore A	Points	28	36
Elastic Recovery	%	98	98
Movement Capability	%	±25	±40
Tensile/Modulus at 50% Elongation	Mpa	0.27	0.52
Tensile/Modulus at 100% Elongation	Mpa	0.35	0.68
Ultimate Tensile Strength	Mpa	0.37	0.84
Ultimate Elongation at Break	%	175	400

## 3.APPLICATION AREAS OF GUNUO® ROOF and GUTTER SILICONE SEALANT

- For metal (aluminum, copper, brass and zinc) and tile roofing
- All metal lap-joint waterproofing
- Colorbond roofs and fences
- Rigid PVC and most plastics including polystyrene
- Skylights, canopies and general glazing
- Guttering and flashing
- Vents and downpipes
- Weatherproofing caravans and trucks

## 4.APPLICATION OF GUNUO® ROOF and GUTTER SILICONE SEALANT



- Thoroughly clean and dry surface from oil, dirt and grease. Allow to dry completely before applying silicone.
- Cut the seal at the top of the cartridge and cut the nozzle at a 45° angle, to the size of the gap opening. Screw the nozzle to the top of the cartridge.
- Place the cartridge into a caulking gun.
- Hold the caulking gun at a 45° angle. Press the nozzle opening against the joint, apply steady pressure to the caulking gun and extrude the silicone sealant forcing the sealant into the gap and move in a pushing motion, along the joint in one smooth action.
- Sealant will cure fully in 48 hours. As this point any unwanted sealant can be removed by trimming with a sharp blade, but avoid under cutting the seal.

## **5.STORAGE AND SHELF LIFE OF ROOF and GUTTER SILICONE SEALANT**

12 months from manufacture date when store in cool dry locations below 25°C, keep away from heat source and direct sunlight during storage.

## **6.PACKING, SHIPPING AND SERVING OF ROOF and GUTTER SILICONE SEALANT**

Packing: 220ml to 300ml of cartridge, 590ml 600ml of sausage, 190L of drum. 24 ctgs/ctn of cartridge, 20 pcs/ctn of sausage. (For special specifications, please contact us.)

Shipping: Sea, air 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



Tel: +86-20-84267539

Email: [enquiry@gnsealant.com](mailto:enquiry@gnsealant.com)





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## COMPANY PROFILE

- The biggest PU foam manufacturer in Asia
- 17 years export experience
- Sold to 72 countries and areas
- Equipped with 32 advanced full-automatic production line
- 50% 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's the impact of silicone sealant with bubble?

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A: No bubble on the silicone sealant surface is a common performance for a good quality PU foam; if the silicone sealant has bubble, the silicone rubber is easy to break after curing.

Q: Except for silicone sealant, what other products you can provide us together?

A: We also produce the PU Foam, MS Sealant, Marble Glue, Two-component epoxy adhesive, Two-component insulating foam.

