

ISO 9001:2008 Certified

A Product  
of USA 

**BOND**  
SEALANT

[bondsealant.com](http://bondsealant.com)

## BOND 7700 Neutral Structural Silicone Sealant

### Description:

BOND 7700 Silicone Structural Sealant is a one part, neutral cure, versatile, high modulus architectural grade silicone sealant that exhibits outstanding physical properties projects, general building constructions as well as structural glazing adhesives uses. It has excellent weathering resistance, durability, compatibility, tensile strength; physical, mechanical and adhesive properties. Cured sealant forms tenacious bonds to substrates, typically structural glazing elements: glasses and metals members; and gives high performances silicone rubber sealant for curtain walls, for both weatherproofing and structural applications.

### Main purposes:

1. Structural glazing in glass curtain wall system.
2. For the situation of high requirement to adhesive safety and other purpose;
3. Many other purposes.

### Application:

1. The silicone sealant will release volatile compound during curing, it may be bad to health if you breathe the volatile compound for a long time. So please ensure adequate ventilation workplace or curing area;
2. The silicone sealant will not release any harmful substance and cause any damage to human body after cured;

### Characteristics:

1. BOND 7700 is neutral curing at room temperature, high Modulus and high intensity silicone structural sealant;
2. Excellent adhesion resistance to weather, and the service life is over the years in the condition of general weather;

### Limitations:

1. Unsuitable for all kinds of material that can effuse grease, plasticizer or solvent;
2. Unsuitable for the airtight location, because it is required to absorb moisture in air to cure for the silicone sealant;
3. Unsuitable for the continually soggy place; frosty and moist surface.
4. Can not be used if the temperature is below 4°C or above 50 °C on the surface of the materials;

**Shelf life:** : 12 months if keep sealing, and stored below 27°C in cool, dry place after the date of production.

**Standard:** I 25HM JC/T 882-2001

**Volume:** 500ml

### Technical Data:

The following data are only for reference purpose, not intended for use in preparing specification.

BOND 7700 Neutral Structural Silicone Sealant			
Performance	Standard	Measured Value	Testing Method
Test at 50±5% RH and temperature 23±2°C:			
Density (g/cm <sup>3</sup> )	±0.1	1.40	GB/T 13477
Tack-Free Time (min)	≤180	60	GB/T 13477
Extrusion (g/5S)	/	8	GB/T 13477
Slumpability (mm) vertical	≤3	0	GB/T 13477
Slumpability (mm) horizontal	not change shape	not change shape	GB/T 13477
Curing Speed (mm/d)	2	4	/
As Cured -After 21 days at 50±5% RH and temperature 23±2°C:			
Hardness (Shore A)	20~60	45	GB/T 531
Tensile Strength under Standard Conditions (Mpa)	/	1.05	GB/T 13477
Elongation of Rupture (%)	/	300	GB/T 13477
Storage	12 Months		





## BOND 6700 Sealant Weatherproofing Building Sealant

### Description:

Bond 6700 Sealant Weatherproofing Building Sealant is a one-component neutral curing silicone sealant with excellent adhesion, weather ability and elasticity for weather sealing in curtain wall and building facades, especially suits applications in the areas with large difference in temperature and low humidity. It easily extrudes in any weather and quickly cures at room temperature by reaction with moisture in the air to form a durable silicone rubber seal.

### Main purposes:

1. For weatherproofing sealing nonstructural curtain wall joints, facade joints and system;
2. Weather sealing in metal (not including copper), glass, stone, aluminium panel, and plastic;

### Application:

1. Clean with solvents such as toluene or acetone to keep the substrate surfaces completely clean and dry;
2. For better appearance cover outside of joint areas with masking tapes before application;

### Characteristics:

1. One-component, neutral-cured with excellent adhesion, weatherability and elasticity for weather sealing in curtain wall and building facades;
2. Excellent weatherability and high resistance to ultraviolet radiation, heat and humidity, ozone and temperature extremes;
3. With good adhesion and compatibility with most building material;
4. Remain flexible over a temperature range of -40°C to 150°C.

### Limitations:

1. Unsuitable for curtain wall structural adhesive;
2. Unsuitable for the frosty or moist surface and soggy place;
3. Can't be used if the temperature is below 4°C or above 50°C on the surface of the material.

**Shelf life:** 12 months if keep sealing, and stored below 27°C in cool, dry place after the date of production.,

**Volume:** 500ml

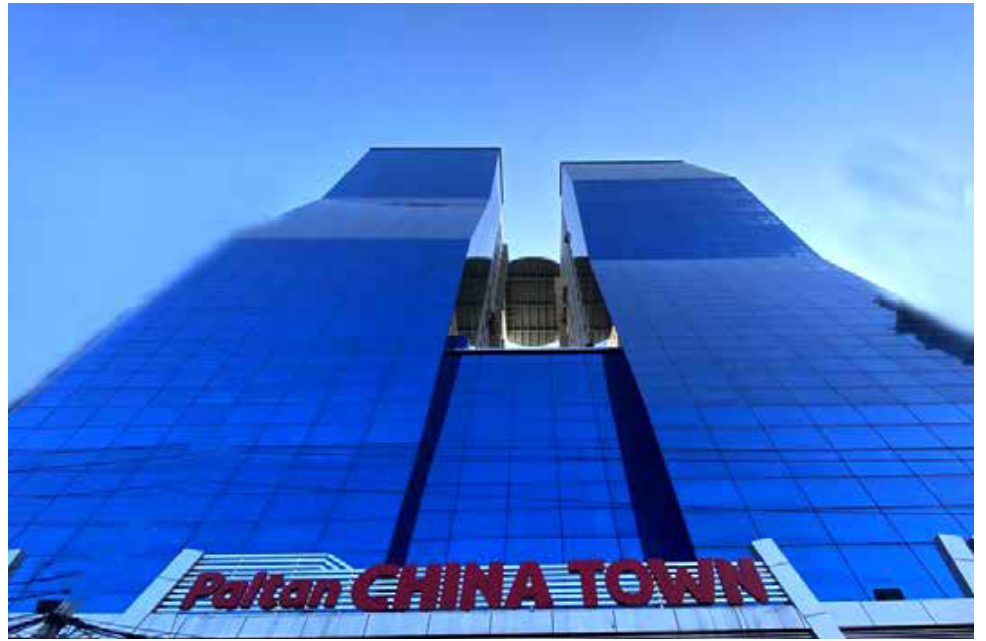
### Technical Data:

The following data are only for reference purpose, not intended for use in preparing specification.

BOND 6700 Silicone Weatherproofing Building Sealant			
Performance	Standard	Measured Value	Testing Method
Test at 50±5% RH and temperature 23±2°C:			
Density (g/cm <sup>3</sup> )	±0.1	1.48	GB/T 13477
Tack-Free Time (min)	≤180	26	GB/T 13477
Extrusion (g/5S)	≥80	112	GB/T 13477
Tensile Modulus (Mpa)	23°C	> 0.4	GB/T 13477
	-20°C	or > 0.6	
Slumpability (mm) vertical	not change shape	not change shape	GB/T 13477
Slumpability (mm) horizontal	≤3	0	GB/T 13477
Curing Speed (mm/d)	2	3	/
As Cured -After 21 days at 50±5% RH and temperature 23±2°C:			
Hardness (Shore A)	20~60	40	GB/T 531
Tensile Strength under Standard Conditions (Mpa)	/	1	GB/T 13477
Elongation of Rupture (%)	/	297	GB/T 13477
Movement Capability (%)	25	35	GB/T 13477
Storage	12 Months		







**Contact Us +8801859666594**

**BTS Building Technology & Systems**  
 House: 77/B, Road: 03, Block: F, Banani, Dhaka-1213,  
 Tel: 01907090023; Hotline: 01859666594 ;  
 Email: btsbd2017@yahoo.com;  
 Visit us at [www.bondsealant.com](http://www.bondsealant.com)

The Cosmopolitan LLC,  
 PO box 1661, Greenbelt, MD 20770, USA  
 Customer care: [bondsealant@gmail.com](mailto:bondsealant@gmail.com)  
 Technology by USA  
 Made in China