

## TECHNICAL DATA SHEET

# Grizzly G7 - Roof & Gutter Silicone Sealant

Issue Date: 01 Jan 2024

### PRODUCT DESCRIPTION

Roof & Gutter is a one part high quality sealant offering excellent primerless adhesion, weatherability and elasticity for general glazing and sealing applications.

### TYPICAL APPLICATIONS

Roof & Gutter is suitable for:

- Metal, Tiled and Colorbond® roofing systems
- Metal water tanks
- Gutters
- Flashing/ Spouting and Downpipes
- Sky Lights, metal and PVC flues
- Air conditioning ducting
- Sheet metal fabrications
- General purpose applications (see below suitable substrates)

### FEATURES

- Excellent adhesion to a wide variety of substrates
- Suitable for indoor and outdoor applications
- ±25% joint movement capability
- Fast curing
- Low odour
- UV stable
- Waterproof
- Neutral cure
- Highly flexible
- Industrial Use

### TECHNICAL FEATURES

ITEMS	C*a/T*b/S*c/O*d	UNIT	TYPICAL VALUE	REQUIREMENT	TEST STD.	EQV. STD.
Appearance		/	/	Thixotropic, non sag paste	Q/JL-00-T 001	
Density		g/cm3	0.98	0.98±0.10	GB/T 13477.2	
Tack free	///Finger	min	2-15 @ 25°C, 50% Relative Humidity	≤15	GB/T 13477.5	ASTM D2377:2000
Sagging		mm	≤1	≤1	GB/T 13477.6	ISO 7390
Hardness, Shore A	7d///	/	32	25~35	GB/T 531.1	ISO 48-4
Sagging	24h///	mm	2.5	≤2.0	GB/T 32369	
Sagging	7d///	mm	7.0	≤5.0	GB/T 32369	
Elongation at break	7d///	%	700	≤400	GB/T 528	ISO 37
Tensile Strength	7d///	MPa	1.3	≤0.6	GB/T 528	ISO 37

#### Notes:

- \*a, Conditioning, specimen is conditioned under (23±2) °C, (50±5)% relative humidity if not specified;
- \*b, Testing Condition, specimen is tested at (23±2) °C, (50±5)% relative humidity if not specified;
- \*c, Substrate;

- \*d, Others need to be specified.

## DIRECTIONS FOR USE

### **APPLICATION TEMPERATURE: +5°C to +45°C**

1. Surfaces must be clean and dry, as well as free of wax, grease, dust and any other foreign materials so that the seal is not compromised.
2. It is advisable to conduct preliminary adhesion tests on substrates where the application is critical or if the adhesion performance is unknown. Alternatively consult M2M Industrial for more information.
3. Cut nozzle at a sharp angle slightly wider than the desired Bead or joint width. If being installed as a joint sealant, always use a suitable backing rod to ensure the correct depth is achieved.
4. Extrude sealant with a caulking gun and make sure nozzle is in contact with both sides of joint.
5. Tool off within a few minutes before skin forms. Remove excess sealant immediately. Any cured sealant can be removed using a spatula, scrapper or solvent.

### **SUBSTRATES:**

- Galvanised Iron
- Glazed Tiles
- Sheet Metal
- Aluminium
- Glass
- Most Plastics
- Wood
- Concrete
- Ceramic Stone

### **PRODUCT LIMITATIONS**

Roof & Gutter is not suitable for the following applications:

1. Surfaces where bleeding can occur such as marble, granite and other natural stone.
2. Submerged joints such as swimming pools or aquariums.
3. Structural or insulated glazing.
4. Various plastics such as polyethylene, polypropylene and Teflon.

Note: Roof & Gutter cannot be painted.

### **CURING**

Cure speed is dependent upon the temperature, humidity, depth of sealant and substrate. Typically, a joint will form a firm skin in one hour and takes up to seven days to fully cure. In cold weather curing time may be longer.

### **STORAGE AND SHELF LIFE**

- 12 months shelf life when stored in a dry environment and between +5°C and +25°C.

### **COLOURS**

- Grey, Translucent

### **PACKAGE**

- 300 ml cartridges

### **SAFETY**

- Roof & Gutter is non-hazardous.
- If poisoning occurs, contact Poisons Information Centre: Australia: 13 11 26; New Zealand: 0800 764 766.
- For more information and advice on the safe handling, storage and disposal of this product refer to the Safety Data Sheet. The SDS can be acquired by visiting [www.m2mindustrial.com.au](http://www.m2mindustrial.com.au)