	<b>BOSSIL TECHNOLOGY SDN. BHD.</b>	<b>Issued Date:</b> 23/05/11 <b>Revision No.:</b> 16 <b>Revised Date:</b> 26-11-14
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	<b>BS-8620 / BS-8620S</b> <b>BS-8620FC / BS-8620SFC</b> <b>LM MS Sealant</b>	

### **Product Specification:**

Curing System	Moisture Curing
Density	1.55 g/mL (White & Grey colour) 1.52 g/mL (Black colour)
Skin over time	35 - 60 minutes
Tensile at break (ASTM D412)	1.0 N/mm <sup>2</sup>
Elongation at break (ASTM D412)	> 900%
Lap Shear Strength, Al to Al (ASTM D1002)	0.5 N/mm <sup>2</sup>
Shore A Hardness (ASTM C661)	25 – 35
VOC content (California Air Resources Board Method 310)	< 4%
Joint movement capability (ASTM C719)	±50%
Application Temperature	5°C to 40°C
Service Temperature	-30°C to 100°C
Packaging	290ml (cartridge), 600ml (sausage)

### **Features**

1. ASTM C-920 compliant
2. 50% movement capability
3. Paintable
4. Less dirt streaking
5. Good UV resistance
6. Solvent, Silicone & Isocyanates free
7. Primerless bonding to most surfaces
8. No air bubbling
9. Works on wet/damp substrates



### **Product Description:**


A single component, high-performance sealant based on advanced MS Polymer Technology. It is solvent, silicone and Isocyanates free. It has excellent UV, weather and temperature resistance. It has excellent adhesion over a wide variety of substrates and is paintable with most types of common industrial paints.

### **Applications:**

Ideal for connection and expansion joints in building. It is good for glazing systems especially when painting is required. It features less streaking hence ideal for bonding and sealing at aluminium composite panel. It may be used without primer, to seal assemblies of concrete, glazed surfaces, porcelain, coated metal, epoxy and polyester panels, polystyrene, uPVC, stainless steel, anodized aluminum and finish wood.

### **Direction:**

- Surfaces must be clean, dry and free of dirt, grease, oil or water.
- For a neat finish, apply masking tape and remove it before sealant has skinned over.
- Cut tip off and puncture the internal foil seal with nozzle. Cut nozzle at 45° angle to desire bead-width and apply to substrate with cartridge gun.
- Tooling time is 30 minutes, tack free time is 35 - 60 minutes.
- Uncured sealant can be cleaned up with mineral spirits.
- Use approved backing material for joints over 10mm deep.

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### Limitation:

The LM MS Sealant should **not** be:

- Used for areas subject to continuous chlorinated water immersion, such as swimming pools, spas etc.
- Constant immersed in salt water.
- Used for PE, PP, Teflon, Neoprene and bituminous surfaces.
- Used for structural glass glazing applications.
- Paintable with alkyd resin paint because curing inhibition of the paint.
- Used in trafficable joints greater than 10mm width. For trafficable joint above 10.0mm width, a steel cover plate is required.

### Caution:

- Uncured adhesive / sealant causes skin and eyes irritation upon contact.
- Avoid contact with eyes, skin and mouth.
- In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention.
- Keep out of reach of children. Use in well ventilated areas.

### Storage

- Store in a dry and cool place with temperature below +25°C.
- From the date of production, 9 months in HDPE cartridge; and 12 months in aluminium foil sausage.

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of various of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.

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