



Adhesive & Sealant Specialist

▶ BS-8620 / BS-8620S LM MS Sealant

Advanced MS Polymer

Features:

- **ASTM C920 / ISO 11600 Compliant**
- **± 50% Movement Capability**
- **Good UV Resistance**
- **Low Static Charge (Less Dirt Streaking)**
- **Silicone Free (Paintable)**
- **Isocyanate Free (No Air Bubbling)**
- **Solvent Free (No Shrinkage)**
- **Reactive Plasticizer (Non-staining)**
- **Primerless Bonding to Most Surfaces**

Description: A one-part, high-performance hybrid sealant that is based on advanced MS Polymer technology. It has excellent weathering, UV, and temperature resistance characteristics. The low VOC formula does not contain solvent & isocyanate hence will not face shrinkage and air bubbling issue. It is also free of silicone oil, reducing aesthetic issues caused by silicone oil-staining/ streaking. The adhesion on various substrates is good even without primer, yet it is paintable with common industrial paints.

Applications: Ideal for sealing building concrete joints like wall panel joints, expansion joints, control joints, etc. It is also recommended for window frame perimeter sealing especially when painting of sealant is required. Facade systems designed with metal panels or natural stones can be sealed with this product too. Other common applications include sealing of anodized aluminum, finished wood, porcelain, coated metal, epoxy and polyester panels, polystyrene, UPVC, and stainless steel.

Limitation: Not recommended for joint sealing subject to continuous water immersion. Not for outdoor sealing / bonding of glass substrates. Not for PE, PP, Teflon, Neoprene, and bituminous surfaces. Not paintable with alkyd resin paint because curing inhibition of the paint.

Available Colors: White, Grey & Black
Content: 290ml (cartridge), 600ml (sausage)
Carton Quantity: 20 cartridges/carton, 20 sausages/carton



PRODUCT SPECIFICATION:	
Curing System	: Moisture Curing
Density	: 1.55 g/ml
Tack-free Time	: 30 - 60 minutes
Elongation at break (ASTM D412)	: > 600%
Shore A Hardness (ASTM C661)	: 25 - 35
VOC content (USEPA Test Method 24)	: < 10g/L
Joint movement capability (ASTM C719)	: ±50%
Application Temperature	: 5°C to 40°C
Service Temperature	: -30°C to 100°C
Shelf Life	: 9 months (Cartridge) 12 months (Sausage)



Features

Paintable	Flexible Seal	Non-staining / Less Dirt Streaking
<div style="display: flex; justify-content: space-around;">   </div> <p> ✓ Paintable (MS Polymer) Non-paintable (Silicone Sealant) </p> <p>PAINTABLE</p> <ul style="list-style-type: none"> • Paintable with various types of paints. 	<div style="display: flex; justify-content: space-around;">   </div> <p> ✓ Good UV Resistance (MS Polymer) Poor UV Resistance - Sealant Cracking (PU Sealant) </p> <p>GOOD UV RESISTANCE</p> <ul style="list-style-type: none"> • ±50% movement capability, suitable for working joints that experience significant movements. • Durable, remain elastomeric for long time. 	<div style="display: flex; justify-content: space-around;">   </div> <p> ✓ Less Dirt Streaking (MS Polymer) Streaking (Silicone Sealant) </p> <p>NON-STAINING / LESS DIRT STREAKING</p> <ul style="list-style-type: none"> • No silicone oil, hence no oil migration and staining issues on adjacent substrates. • Minimize dirt-streaking issues introduced by silicone sealants.
Primerless Bonding to Most Substrates	No Air Bubbling	Green Sealant
<div style="display: flex; justify-content: space-around;">   </div> <p> Cohesive Failure (MS Polymer) Adhesive Failure (Silicone Sealant) </p> <p>PRIMER LESS BONDING</p> <ul style="list-style-type: none"> • Good adhesion to most substrates even without using primer. • Works on difficult-to-bond substrates like aluminum, stainless steel, polycarbonate, ABS, PVC, etc. 	<div style="display: flex; justify-content: space-around;">   </div> <p> ✓ No Air Bubbling (MS Polymer) Bubbling (PU Sealant) </p> <p>NO AIR BUBBLING</p> <ul style="list-style-type: none"> • The bubbles/foams/blisters in PU sealants are due to the formation of CO₂. • The formation of CO₂ is the result of the reaction of the isocyanate with moisture. • MS sealants do not contain isocyanate. 	<div style="display: flex; justify-content: space-around;">   </div> <p> ✓ Green Sealant (MS Polymer) Hazardous Materials (PU Sealant) </p> <p>GREEN SEALANT</p> <ul style="list-style-type: none"> • Compliant with SCAQMD rule 1168. • No hazardous materials such as isocyanate, solvent, heavy metals, etc.

Applications

Perimeter Sealing	Concrete Joint	Aluminium Composite Panel
		
Aluminium Panel Bonding	Precast Wall Panel Joint	Natural Stone
		

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