

Technical Data Sheet

BS-8638 / BS-8638FC Seam Sealant



Features

- ◆ High Strength & Elastic
- ◆ Fast Drying
- ◆ Paintable
- ◆ Solvent-Free (No Shrinkage)
- ◆ Primerless Bonding to Most Substrates

Available Colors

- ◆ White
- ◆ Beige

Packaging

- ◆ 290 ml (cartridge)~20/carton

Storage

- ◆ Store in a dry and cool place with temperature below 30 °C.
- ◆ Use within 9 months from date of production.

Product Specification

	BS-8638	BS-8638FC
Appearance	: Soft Paste	
Curing System	: Moisture Curing	
Density	: 1.55 gm/ml	: 1.54 gm/ml
Tensile Strength (ASTM D412)	: 1.2 N/mm ²	: 1.0 N/mm ²
Tensile strength (ISO 8339)	: 0.6 N/mm ²	: -
Elongation at Break (ASTM D412)	: 660 %	: 660 %
Elongation at Break (ISO 8339)	: 470%	: -
Shore A Hardness (ASTM C661)	: 33	: 34
Skin-Form Time	: 30 – 60 minutes	: 10 – 30 minutes
Application Temperature	: 5 °C to 40 °C	
Service Temperature	: -20 °C to 90 °C	

Description

BS-8638 / BS-8638FC (Fast Cure) Seam Sealant is a one-component, high-performance sealant formulated based on advanced MS Polymer technology. This sealant is free of solvent, silicone and isocyanate. It features fast drying speed, excellent UV, weather and temperature resistances. The adhesion on various substrates is excellent even without primer, and the sealant is paintable with most types of common industrial paints.

Applications

Ideal for making permanent elastic seals of high bonding strength, especially interior and exterior auto body seams and joints. It is also suitable for elastic bonding in construction, marine, automotive and industrial applications that require a high-strength performance.

Directions

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Do not use soap or detergent.
3. For a neat finishing, apply masking tape and remove it before sealant skins over.
4. Cut the tip off and puncture the internal foil seal with the nozzle. Cut the nozzle at 45° angle to desired bead-width and apply the sealant to substrate with a cartridge gun.
5. Tool the sealant within 15 minutes of extrusion before it skins. Tack-free in 30 minutes.
6. Uncured sealant can be cleaned up with mineral spirits.

Caution

Keep out of reach of children. Contains aminosilane. May produce an allergic reaction. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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