

Technical Data Sheet

AS-4010 MS Seam Sealant



Physical Properties

Base

One component MS Sealant

Physical State

Soft paste

Standard Colours:

(W10) White
 (B40) Beige

Special Colour:

(Made-to-Order)
 (B10) Black

Tack-free time:

40 – 50 minutes
 (at 23 °C & 50% R.H.)

Application Temperature:

5 °C to 40 °C

Service Temperature:

-20 °C to 90 °C

Storage:

Store in a dry and cool place with temperature below 30 °C.

Shelf life:

12 months (cartridge and sausage)

Packaging:

Content	Quantity/ carton
290 mL cartridges	20
600 mL sausages	20

Description

ALSEAL MS Seam Sealant is 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.

Features

- ◆ High strength and elastic
- ◆ Fast drying
- ◆ Paintable
- ◆ Primerless bonding to most substrates
- ◆ Isocyanate-free – No air bubbling
- ◆ Solvent-free – No shrinkage

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.

Technical Data

Curing system		: Moisture curing
Density		: 1.54 g/mL
Ultimate tensile strength	(ASTM D 412)	: 1.0 N/mm ²
	(ISO 8339)	: 0.6 N/mm ²
Elongation	(ASTM D 412)	: 660 %
	(ISO 8339)	: 470%
Shore A hardness	(ASTM C661)	: 34
Skin-form time		: 10 – 30 minutes

Usage Instructions

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.

Disclaimer

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