

1-MS SEALANT
Modified Silicon (Low Modulus type)

1-MS Sealant (Low Modulus Type) is a one part type modified silicone based sealant which has fast curing property. It is suitable to be applied in areas such as:

- Exterior:* Seam or lap between roofs and wall, sheet metals, construction panels, granite and aluminium frame
- Interior:* Unit bath, kitchen, basin
- Others:* Joint and lap for automotives, marines, and around the frame, tile, and concrete joints.

1. Properties

Appearance	Paste
Colour	White, grey, black
Viscosity (cps/28±2°C)-rotor no. 7, 10rpm	300,000-400,000 cps at 28±2°C
Specific Gravity (28±2°C)	1.42-1.52
Tack free time	60 mins at 28±2°C
Hardness (Needle Penetration)	23
Tensile strength (H-shape)- aluminium	8.5 kgf/cm ² (at maximum displacement)
Tensile strength (H-shape)- aluminium	4.5 kgf/cm ² (at 50% displacement)
Elongation (H-shape)	450%
Slump	0 mm

2. Characteristics

1-MS Sealant shows the characteristics of:

- Adhesion: Excellent adhesion to any substrates especially with primer
- Paintability: Surface is able to be painted by any paints, after 1 week curing
- Workability: Stable extrudability in wide temperature range
- Cureability: Fast cure
- Stainability: Non-staining to tiles, mortar and concrete

In addition, 1-MS Sealant is odorless, no shrinkage, durable and heat proof.

3. Packing

300ml per cartridge, 20 cartridges per box. 600ml per sausage, 16 sausages per box

4. Precaution

1. Store in cool and dry area
2. In case of skin contact, clean with thinner and wash thoroughly with soap.