

### 1-MS SEALANT **Modified Silicon (High Modulus type)**

*1-MS Sealant (High 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 and marines

#### 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)	14
Tensile strength (H-shape)- aluminium	11 kgf/cm <sup>2</sup> (at maximum displacement)
Tensile strength (H-shape)- aluminium	8.5 kgf/cm <sup>2</sup> (at 50% displacement)
Elongation (H-shape)	350%
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.