



# Product Data



## DESCRIPTION

Plumbers *Mate* -is a one part premium quality Neutral cure (non-acidic) silicone sealant.

It is 100% Silicone sealant designed for Plumbers & Roofers to seal -Roofing, spouting guttering, Flashing, wall cladding and Rainwater products.

Plumbers *Mate* - seals applications where long term reliability is required.

It is unaffected by high and low temperature and its superior physical properties are retained after many years of exposure.

## KEY PERFORMANCE PROPERTIES

- 100% Silicone Sealant (Neutral Cure)
- One Part Ready To Use
- Fast Curing
- Outstanding Weatherability
- Excellent Adhesion
- Easy Application

## APPLICATIONS

- Plumbers *Mate* -is recommended for use with
- Zincalume®
  - Galvabond®
  - Colourbond® and Marviplate®
  - Plumber's Mate - has potable water approval.

### Suitable for Sealing:

Roofing - Coated steel, Aluminium, Flashing, Spouting, Guttering, Metal Water tanks, Metal lap joints, Wall Cladding, Masonry Ceramic Tiles, Cement Roof tiles and Air- conditioning units.

## SPECIFICATIONS

Typical product data should not be used as specifications. Product specification sheets are available upon request from GE Plastics (Aust) Pty Ltd.

## TYPICAL PRODUCT DATA

PROPERTY	VALUE
CURE METHOD	KETOXIME (Neutral)
COLOUR	Trans, Grey, White, Black
SAG/SLUMP	NON SLUMP (0.1")
HARDNESS (ASTM D2240)	28 SHORE A
TENSILE STRENGTH	1.7 MPa
DYNAMIC JOINT MOVEMENT	± 25 %
SKIN TIME @ 25°C & 50% RH	10MIN
CURE TIME 3MM @ 25°C & 50% RH	24-48 hours
OPERATING TEMPERATURE RANGE	-62 TO +180°C
SPECIFIC GRAVITY	1.04

## APPLICATION INSTRUCTIONS

### APPLICATION

Cut nozzle at 45° angle slightly wider than the desired bead. Extrude sealant with a sealant gun.

Tooling time is 10 minutes.

When necessary to produce a neat appearance masking tape is recommended.

This should be removed immediately after tooling before skin over forms.

Uncured sealant should be cleaned off non-porous surfaces while in the uncured state.

### SURFACE PREPARATION

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination.

Metals should be cleaned with a non-oily solvent.

Solvent should be wiped from the surface with a clean dry cloth.

For plastics contact the manufacturer for a recommended cleaning solvent.

### STORAGE / SHELF LIFE

The shelf life of Plumbers *Mate* is 12 months if stored in a cool dry place.

The storage temperature should not exceed 25°C as this will decrease shelf life.

### Packsize

300gm cartridge - available in carton of 20.

Packed in Australia.

### HEALTH AND SAFETY

Contact with uncured product could irritate eyes. In case of eye contact immediately flush with water for 15 minutes and seek medical advice.

Use in well ventilated areas.

Keep out of reach of children. Avoid contact with skin or clothing.

This product emits Methyl ethyl Ketoxime (meko) whilst curing.

### LIMITATIONS

Plumbers *Mate* -is not recommended for use:

- On submerged joints where porous substrates permit water to the bond interface.

- In aquarium and structural glazing, GE recommends SCS1200 sealant or Ultraglaze® sealant.

- For certain rubber products where bleeding of plasticise may occur.

- In horizontal walkways where sealant will be subject to abrasion.

- Can not be painted, as paint will not adhere to sealant.

- Should not be applied when substrate surface exceeds +50°C

- Not recommended for use on polycarbonate plastic. (GE Multisil is recommended.)

Suitability for use on other types of plastic including extruded gutting profiles should be tested prior to application.

### Sealant Volume

$$\text{300gm Cartridges} = \frac{\text{Number of} \times \text{Joint Width (mm)} \times \text{Joint Depth (mm)} \times \text{Joint Length (meter)} \times 1.15}{\text{Divided by 292.}}$$

Available From

Note 1.15 Allows for 15% wastage.  
Joints are assumed rectangular