

TECHNICAL DATA SHEET

FormSeal™ Formwork Silicone Sealant



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FEATURES

- Neutral cure silicone sealant
- One part, ready to use application
- Fast skinning
- Not affected by temperature extremes
- Low adhesion
- Can be used in a standard caulking gun
- Easy to clean up

PRODUCT DESCRIPTION

FormSeal™ is a one part, neutral cure (non-acidic) silicone sealant. It is designed to seal the corners of metal or timber formwork and the bases of formwork to steel precasting beds or concrete slabs on site.

APPLICATIONS

FormSeal silicone sealant:

- Stops concrete leakage at corners and the base of formwork during concrete pours.
- Can be used in precast yards or on-site for sealing the corners of metal or timber formwork and the bases to steel casting beds or concrete slabs on-site.
- Is recommended for use with:
 - Steel - Aluminium - Timber
 - Powder coated aluminium - Plastic and rubber seals

ORDERING

FormSeal silicone sealant is supplied in cartons of 20 x 300gm cartridges.

PART NUMBERS

CARTRIDGE - FMSLG300A

INSTRUCTIONS FOR USE

- Cut nozzle at 45° angle slightly wider than the desired bead.
- Extrude sealant with a standard caulking gun.
- Tooling time is 10 minutes.
- When necessary to produce a neat finish, masking tape is recommended and should be removed immediately after tooling before skin over forms.

TYPICAL PRODUCT DATA

Property	Value
Cure Method	Ketoxime (Neutral)
Colour	Translucent
Sag/Slump	Non Slump (0.1")
Hardness (ASTM D2240)	28 Shore A
Tensile Strength	1.7MPa
Dynamic Joint Movement	+/-25%
Skin Time @ 25°C & 50% RH	10 minutes
Cure Time 3mm @ 25°C & 50% RH	24-48 hours
Operating Temperature Range	-62°C to +180°C
Specific Gravity	1.04

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 or rubber, contact Reid Construction Systems for a recommended cleaning solvent).

HEALTH & SAFETY

- Contact with uncured product could irritate eyes.
- In case contact with eyes, immediately flush with water for 15 minutes and seek medical advice.
- Use in well ventilated locations.
- Keep out of reach of children.
- Avoid contact with skin or clothing.
- This product emits Methyl Ethyl Ketoxime (meko) while curing. (For a Material Safety Data Sheet, contact Reid Construction Systems or visit www.reids.com.au).

LIMITATIONS

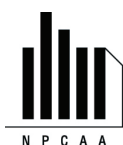
FormSeal silicone sealant is not recommended for use:

- On submerged joints where porous substrates permit water to the bond interface.
- For certain rubber products where bleeding of plasticise may occur.
- Should not be applied when substrate surface exceeds +50° C.
- Not recommended for use on polycarbonate plastic.

SEALANT VOLUME

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

$$\text{Number of 300gm Cartridges Needed} = \frac{\text{JOINT WIDTH (mm)} + \text{JOINT DEPTH (mm)} + \text{JOINT LENGTH (metres)} \times 1.15}{292}$$



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