

MACSIM ROOF AND GUTTER TECHNICAL DATA

PRODUCT AND COMPANY INFORMATION

PRODUCT DETAIL:

Product Name:	Roof and Gutter
Base:	Polysiloxane
Consistency:	Stable Paste
Curing System:	Moisture Cure
Skinning Time:	approx 7-14min (20C/65% R.H)
Curing Rate:	2mm/24h (20C/65% R.H)
Full Cure:	7 days
Hardness:	25+ Shore A
Shrinkage:	None
Specific Gravity:	1,03g/mL (clear) - 1,25g/ml (colours)
Temperature Resistance:	-50°C to +150°C
Elastical Recovery:	>80%
Maximum allowed Distortion:	25%
Elasticity Modulus 100%:	0,38N/mm (DIN 53504)
Maximum Tension:	1,60N/mm (DIN 53504)
Elongation at Break:	800% (DIN 53504)

COMPANY DETAIL:

Manufacturer:	Macsim Fastenings Pty Ltd
Address:	10 Wonderland Drive, Eastern Creek, NSW, 2766
Phone:	(02) 9881 2400
Fax:	(02) 9881 2444

TECHNICAL DATA SHEETS

PRODUCT

Macsim Roof and Gutter is a high-quality neutral, elastical one-component joint sealant based on silicones with a minimum life of 25 years.

CHARACTERISTICS

- Very easy application
- Permanent colour, UV-resistant
- Stays elastic after curing
- Available in a wide range of colours
- Very good adhesion on many materials
- Low modulus
- Non-acidic, will not corrode metal.

APPLICATION

All metal and aluminium roofing applications.

Top sealing at glazing jobs

Sealing of polycarbonate and polyacrylate panels joints with high movement between different building materials

Sealings between treated wood and glass

Sealings between PVC and glass

TECHNICAL DATA SHEETS

SHELFLIFE

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.

SURFACES

Type: all usual building surfaces
Preparation: All surfaces must be dry, clean and free of grease, dust. Clean metals with mineral turpentine and glass with alcohol. For the best adhesion on metal give it a light sanding.

JOINT SIZE

Minimum Width: 5mm
Maximum Width: 30mm
Minimum Depth: 5mm
Recommendation: 2 x depth = width

CLEAN UP

Clean up uncured sealant with white spirit and remove cured sealant with a sharp knife. Replace Yellow Cap tightly, where supplied, to save unused sealant.

LABELLING

Non flammable. No hazard labelling required.

HEALTH

Keep out of reach of children. Contact with uncured sealant may irate skin and eyes. Wear suitable gloves and clothing. Do not breath fumes and use in ventilated areas.

MSDS available.