

Allfast Roof & Gutter

Rev 3, Dated: 23/09/2011

Multisil-M1 Neutral Silicone Adhesive-Sealant

PRODUCT DESCRIPTION

Multisil-M1 is an organically plasticised neutral curing silicone adhesive/sealant. For general purpose sealing applications, such as industrial, glazing, weather-sealing, plumbing, and construction. It reacts with atmospheric moisture to produce a formed in place silicone rubber seal.

ADVANTAGES

Multisil-M1 has excellent adhesion to most common building materials including : glass, aluminum, galvanised steel, concrete, wood, some plastics, and many painted surfaces.

- **5-8 minute skin time**
- **Low Slump**
- **Movement capability \pm 20%**
- **Will not corrode metals**
- **AS 4020 Potable Water Approved**

APPLICATIONS

Multisil-M1 : Is suitable for most neutral silicone applications :

- Glazing, and weather sealing.
- Plumbing – roofs, gutters etc
- Electrical sealing
- General purpose sealing

LIMITATIONS

Multisil is not recommended for use:

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

In aquarium construction and structural glazing. Admil recommends it's Prosil 20 acetic for aquariums.

For certain rubber products where bleeding of plasticer may occur, check with us if unsure.

TYPICAL PROPERTIES

PROPERTY	VALUE	STANDARDS
Curing Method:	Neutral (Oxime)	
SAG/Slump @23°C:	3mm Max	JIS A 1439
Hardness:	28 Shore A	ASTM D2240
Dynamic Joint Movement:	+/- 20%	
Elongation:	250 %	JIS K 6249
Skin Time @ 23°C & 50% RH:	5-8 Minutes	JIS A 1439
Cure Time (10mm) @ 25°C & 50% RH:	5-7 days	
Application Temperature Range:	-40°C to 150°C	
Specific Gravity:	0.98	
Tensile Strength MPa:	0.5	JIS K 6249

- Data quoted are typical and not to be used as specifications
- Cured 21 days @ 23°C and 50% RH

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 soaked clean cloth.

Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass. When used on remedial work all existing sealant must be removed.

APPLICATION INSTRUCTIONS

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.



Multisil-M1 Technical Data Sheet

PACKAGING

Admil's **Multisil-M1** is available in 300ml Cartridges and 600ml Sausages

COLOURS

Aluminium, Black, Light Grey, Translucent and White

STORAGE

12 months from date of manufacture if stored below 28°C

HEALTH AND SAFETY

This product emits Methyl Ethyl Ketoxime whilst curing, which is hazardous. Use in well-ventilated areas, and avoid breathing vapors.

Contact with uncured product will irritate eyes. In case of eye contact immediately flush with Water for 15 minutes and seek medical advice. Avoid contact with skin or clothing.

Keep out of reach of children

Multisil-M1 MSDS available upon request

Notice

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product (s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.