



# Prosil 60

Rev 5, Dated: 07/09/2012

## 100% Neutral Silicone Adhesive-Sealant

### PRODUCT DESCRIPTION

Admil's **Prosil 60** is a premium 100% fast curing high strength neutral oxime curing silicone adhesive/sealant. This is our strongest neutral, with a tensile of >2.0Mpa. Designed for glazing, industrial, and automotive sealing applications where extra high body, excellent adhesion, quick skin time and long term reliability is required. It reacts with atmospheric moisture to produce a form in place silicone rubber seal. Weathering and UV resistance is excellent. Prosil 60 can withstand Australian sun and weather for 20 years.

### ADVANTAGES

**Prosil 60** has excellent adhesion to most common building materials including : glass, metals ie aluminum, galvanised steel, Aquabond<sup>™</sup> concrete and plastics, and most painted and powder coated surfaces.

- 2-5 minute Skin Time
- No Slump
- Movement capability
- AS 4020 Potable Water approval
- Complies with 5 Star Rating for VOC <5%
  - (Less than 50 grams / litre)
- Superior Adhesion
- Non Corrosive

### APPLICATIONS

**Prosil 60** is ideal in applications where fast set up, and no slump are critical such as :

- Glazing of colonial bars, and structural butt joints.
- Ideal for Installation of solar panels on steep sloping roofs.
- Premium silicone for Water tank production.
- Industrial applications where the products needs to be moved quickly.

### LIMITATIONS

Prosil 60 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 plasticizer 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:	+/- 25%	
Elongation:	560 %	JIS K 6249
Skin Time @ 23°C & 50% RH:	2-5 Minutes	JIS A 1439
Cure Time (10mm) @ 25°C & 50% RH:	3-5 days	
Application Temperature Range:	-6°C to 170°C	
Specific Gravity:	1.04	
Tensile Strength MPa:	>2.0	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.



## Prosil 60 – Technical Data Sheet

### PACKAGING

**Admil's Prosil 60** is available in 300ml Cartridges, 600ml sausages and soon 400ml sausages that are the same length as a 300ml cartridge

### 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

**Admil Prosil 60 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.