

Tradesmans Choice MF60

GLAZING

Professional Sealant



Technical Data Sheet

DESCRIPTION

MF60 Glazing Sealant is a premium extra high strength medium modulus one part moisture curing, 100% calcium carbonate filled, high performance neutral cure silicone sealant (oxime) designed to give superior adhesion and durability in a wide range of glazing, weather sealing and trade applications. It will bond to form strong weatherproof seal on most common building materials. Weather an UV resistance is excellent and its superior physical properties are retained over many years of exposure.

APPLICATIONS

MF60 Glazing is suitable for:

- General purpose glazing
- Colonial bars
- Structural butt joints
- Weather-sealing of high rise buildings
- Installations of solar panels
- Trucks and caravans assembly

Substrates:

- Glass
- Aluminium
- Concrete
- Plastics
- Wood
- Masonary
- Most powder-coated surfaces

ADVANTAGES

- Extra low gloss
- Movement capability > +25%
- Superior adhesion
- Medium Modulus for higher strength with good movement
- Outstanding elongation
- Contains no hydro treated petroleum distillate (extender)

PRODUCT CHARACTERISTICS

Colour	Matt Black
Curing Method	100% Neutral Cure Oxime
Product Codes	Matt Black : 53PSN60B
300ml Cartridge	

TYPICAL PROPERTIES

Elongation	> 680%
Skinning Time	5 -10 minutes
Hardness	30 (ASTM D2240)
Sag / Slump	No Slump
Tensile Strength	(1.3)MPa
Application Temperature	-40 to 140°
Dynamic Joint Movement	+/- 25%
Cure time	10mm in 5 to 7 days
Specific Gravity	1.25

NOTE: All data provided is based on 25°C and 50% Humidity Conditions & fully cured after 21 days.

INSTRUCTIONS FOR USE

Read and understand the Safety Data Sheet before using this product. SDS can be acquired by visiting www.macsim.com.au.

Surface Preparation

Surfaces must be dry and clean; free of dirt, grease, oil, rust, or any other contamination. Metals should be cleaned with a non - oily solvent clean cloth. Solvent should be wiped from surface with a clean dry cloth. Use an alcohol such as methylated spirits IPA or ideally a primer for the ultimate adhesion. When used on remedial work all existing sealant must be removed.

Applications Instructions

Cut cartridge tip carefully.

Cut the nozzle into an appropriate diameter at an angle of approximately 45° to 60°, use caulking gun and extrude the sealant with a single bead. Tool the sealant bead with a round spatula within 10 minutes to spread the sealant against the join surface.

Limitations

Glazing is not suitable for the following applications:

- Submerged joints where porous substrates permit water to the bond interface.
- For certain rubber products where bleeding of plasticiser may occur.
- In an aquarium construction and structural glazing.

Shelf Life

12 months shelf life in unopened packaging stored in a cool, dry environment and between +5°C and +27°C.

Cleaning

Uncured sealant can be cleaned up with M.E.K or Toluene. Any cured sealant can be removed using a spatula, scraper, or solvent.

HEALTH & SAFETY

Safety

If poisoning occurs, contact Poisons Information Centre:

Australia: 13 11 26; New Zealand: 0800 764 766.

Read label before use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace.

First Aid

Wash contaminated clothing before reuse. In case of fire: Use alcohol resistant foam or normal protein foam for extinction. SKIN: Wash with plenty of soap and water. EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

For more information and advice on the safe handling, storage and disposal of this product refer to the Safety Data Sheet.

The can be acquired by visiting www.macsim.com.au

DISCLAIMER

The information in this Technical Data Sheet (TDS) is based on our present knowledge to the date of the publication. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is only a guide for safe handling, use, storage, transporting and disposal of the product.