

Tradesmans Choice

MF06**FIRESEAL 6****Professional Sealant****Technical Data Sheet****DESCRIPTION**

MF06 Fireseal 6 is a flexible, one component acrylic sealant, fire-rated up to 4 hours (AS1530-Part 4, 1997) for sealing interior and vertical exterior joints up to 50mm wide, subject to moderate movement. Ideal for Tilt-up construction/ expansion joints, sealing fire door frames and service penetrations.

APPLICATIONS

MF06 Fireseal 6 is suitable for:

- Tilt-up construction and expansion joints
- Joints in fire retardant constructions in buildings, houses and ships
- Cracks and gaps prior to painting
- Perimeter pointing around doors and windows
- Joints between walls & ceilings

Substrates:

- Porous building surfaces

ADVANTAGES

- 4 Hours fire rated (Meets standard AS1530-Part 4, 1997)
- Water based
- Paintable
- UV Resistant
- Low VOC

PRODUCT CHARACTERISTICS

Colour	Light Grey
Appearance	Thixotropic paste
Curing Method	Moisture curing
Curing Time	≥2mm after 24 hours ≥6mm after 7 days
Service Temperature	-30°C to +85°C
Product Codes	300mL Cartridge: 53FIRECRYL300 600mL Sausage: 53FIRECRYL600

TYPICAL PROPERTIES

Base	Acrylic Sealant
Elongation @ Break	≥ 50%
Skinning Time	5-10 minutes
Tack Free Time	10-15 minutes
Specific Gravity	1.7g/mL
Extrudability	≥ 300g/min.
Flash Point	>90°C
Joint Movement	±20%
Application Temperature	+5°C to +45°C
Drop Degree	≤1mm
Shore A Hardness	60
Recovery Elastic	≥40%
Solid Content	80%

NOTE: All data provided is based on 25°C and 50% Humidity Conditions

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

Substrate surface must be dry and clean, free of dirt, grease, oil, or standing water.

Applications Instructions

1. Mask smooth surfaces to simplify clean up.
2. Cut tip off cartridge.
3. Cut nozzle to desired size at 45° angle & screw nozzle onto cartridge.
4. Insert cartridge into caulking gun & push sealant ahead for uniform bead.
5. Tool immediately.
6. Clean off excess sealant.

Clean Up

- Uncured sealant can be cleaned up with water or a damp cloth.

Limitations

MF06 Fireseal 6 is not suitable for the following applications

- Surfaces that bleed oil.
- Areas of constant water immersion.
- Joint movement more than 20%.
- Assembling of structural glass.
- Will not adhere to some plastics such as polyethylene, polypropylene, and Teflon.
- Do not apply outdoors where rain is likely within 2 hours of application.

Shelf Life

24 months shelf life when stored in a dry and cool place with temperature between +5°C to +25°C.

HEALTH & SAFETY

Safety

Fireseal 6 is a Combustible liquid. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Harmful to aquatic life

If poisoning occurs, contact Poisons Information Centre:

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

Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protective equipment as required. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

First Aid

IF exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use alcohol resistant foam or normal protein foam for extinction.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

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.