

Tradesmans Choice

MF10

GAP FILLER

Acrylic Filler

Technical Data Sheet

DESCRIPTION

MF10 is a multipurpose acrylic sealant formulated to provide a dry time indicator. Designed for sealing low and medium modulus movement joints between various construction materials (wood, concrete, brick etc.)

APPLICATIONS

MF10 Gap Filler is suitable for:

- Sealing wall & window joints
- Filling cracks in walls and ceilings

Substrates:

- Plasterboard
- Masonry
- Ceramics
- Wood
- Concrete

ADVANTAGES

- Application is Pink, dries white,
- Very Low VOC,
- Waterproofing after curing,
- Easy application,
- Paintable,
- Can be used on all porous surfaces such as brick, concrete, wood.

STANDARDS

Meets or exceeds the requirements of the following specifications:

- French VOC requirements for class A+
- CE marked for EN 15651 for facade
- The requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168

**PRODUCT CHARACTERISTICS**

Colour	Pink dries White
Appearance	Smooth paste
Product Codes	53TGFP
310mL Cartridge	

TYPICAL PROPERTIES

Base	Acrylic Dispersion
pH	8.5-9.5
Elongation	>150%
Modulus 100% Elongation	≥0.40Mpa
Max. Tensile Strength	≥0.50Mpa
Tensile Strength	≥0.15Mpa
Tack Free Time	15-60 minutes (ASTM C 679)
Curing Rate	2mm/day
Shore A. Hardness	40-70
Volume Shrinkage	32% (ASTM D 412)
Weight Loss	20%
Specific Gravity	1.62 ± 0.03 g/cm ³ (ASTM D 792)
Temperature Resistance	-10°C to +80°C
Application Temperature	+5°C to +40°C

NOTE: All data provided is based on 23°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. No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster a primer (mixture of one part acrylic sealant and 4-5 parts water) can be applied. Min/Max joint width is 1 to 2. Application temperature is between +5°C TO +40°C.

Applications Instructions

1. Cut nozzle at 45° angle and place cartridge in caulking gun.
2. Hold caulking gun at 45° angle and apply sealant so that it completely fills the gap/ joint.
3. Immediately after the application, smooth the sealant using a wet finger or wet Tool. Excess sealant can be removed by wet cloth.
4. Keep the sealed joint dry for at least two hours.

Clean Up

- Cured sealant can be removed mechanically.

Limitations

MF10 Gap Filler is not suitable for the following applications

- It must not be used in totally confined spaces where sealant cannot cure due to atmospheric moisture.
- Should not be applied for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

Shelf Life

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

HEALTH & SAFETY

Safety

MF10 Gap Filler has no imminent risks to health. Check SDS guidelines for disposal and further information concerning safety.

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.