

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

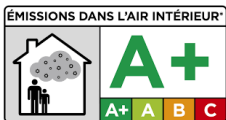
**PRODUCT CHARACTERISTICS**

<b>Colour</b>	Pink dries White
<b>Appearance</b>	Smooth paste
<b>Product Codes</b>	53TGFP
310mL Cartridge	

**TYPICAL PROPERTIES**

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