

# GAP FILLER

## MULTIPURPOSE ACRYLIC SEALANT

### Description

**Gap Filler** is a versatile, environmentally friendly acrylic sealant for all purpose caulking and sealing applications. It is paintable and has good adhesion to most porous surfaces. It is formulated with the right consistency thus able to withstand pressure during the installation. It is suitable for sealing gaps and joints where slight movements or vibration, if occurred, could cause conventional, non-elastic fillers and putties to crack and fall off. It can be applied smoothly and easily and can be cleaned up with water.

### Key Performance Properties

- $\pm 12.5$  % movement capability
- Low VOC compliance
- Paintable
- Versatile & permanently flexible
- Easy clean up with water

### Applications

- General sealing applications: door and window joints, cabinet and wardrobe installation, skirting of wood flooring, etc.
- Suitable for various substrates: metal, PVC, wood, concrete, gypsum boards, reinforced cement boards, marble, etc.

### Preparation

- Substrate surface must be dry and clean; free of dirt, grease, oil, or standing water.
- For a neat finishing, use masking tape and remove it within the working time.
- For sealant designs with depth of over 10 mm, use approved backing materials.

### Technical Data

| PROPERTY                         | VALUE                 |                  |
|----------------------------------|-----------------------|------------------|
| <b>Cure System:</b>              | Water evaporation     |                  |
| <b>Skin Time:</b>                | 15 min                |                  |
| <b>Specific gravity:</b>         | 1.61 g/mL             |                  |
| <b>Solid content:</b>            | 82 %                  |                  |
| <b>Maximum tensile strength:</b> | 1.2 N/mm <sup>2</sup> | ASTM D412        |
| <b>Elongation at Break:</b>      | 190 %                 | ASTM D412        |
| <b>Movement capability:</b>      | $\pm 12.5$ %          | ASTM C719        |
| <b>Shore A hardness:</b>         | 20                    | ASTM C661        |
| <b>Low VOC compliance:</b>       | Yes                   | SCAQMD Rule 1168 |
| <b>VOC content:</b>              | 36.97 g/L             | USEPA Method 24  |



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## Clean Up

- Wet sealants can be cleaned up with acetone or mineral spirits.
- Cured sealants can only be removed mechanically.

## Joint Design

- The specified sealant bead size should be calculated to comply with the compression and extension capabilities of the sealant in relation to the anticipated joint width due to expansion and contraction.
- Minimum bead size should not be less than 3 mm to accommodate movement.
- Sealant design joint width-to-depth ratio should be 2:1.

## Packaging

450g Cartridge -  
Available in cartons of 20  
Product packed in Australia

## Storage

Store in a dry and cool place with temperature below 30 °C.  
(Do not store below 5 °C)

## Shelf Life

24 Months

## Application Temperature

5 °C – 50 °C

## Service Temperature

-10 °C – 75 °C

## Health and safety

Avoid direct contact, especially with eyes and skin. Remove contact lenses before using sealant. If eye contact occurs, rinse with water for 15 minutes and seek medical attention if irritation persists. Use the product in well-ventilated areas and keep it out of reach of children. **KEEP OUT OF REACH OF CHILDREN**

## Limitations

Not recommended for following applications:

- Below waterline or permanent water immersion.
- Traffic areas subject to abrasion.
- Joint movement of more than 12.5%.
- Outdoors if it is expected to rain within two hours of sealant application.

## Caution

Contains a mixture of CMIT/MIT. May produce an allergic reaction. Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

## Legal Notes

Simseal® has made every effort to ensure accurate information but cannot be held liable for any losses or damages



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