

# SIMSEAL®

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## SIMFLEX® SUPERCRYL

ONE-COMPONENT WATER RESISTANT ACRYLIC SEALANT

### Description

Simflex® Supercryl is one-component, water resistant acrylic dispersion based sealant.

### Properties

- One-component.
- Very easy application.
- Form permanently water-repellent layer after curing.
- Remains flexible for a long time after curing.
- Paintable.
- Does not effect the application surface.
- Flexible.
- UV resistant
- Solvent free
- Excellent adhesion to moist and absorbent surfaces
- Water, wind and moisture resistant on aluminum, wood and PVC frames and windows.
- Non corrosive towards metals.

### Technical Data

PROPERTY	VALUE
<b>Chemical Base:</b>	Acrylic
<b>Specific gravity:</b>	1,52±0,03 g/cm <sup>3</sup> (SEL DM 04)
<b>Tack free time:</b>	15-45 min (25°C and 50% R.H)
<b>Cure Rate:</b>	2 mm/24 hour (25°C and 50% R.H)
<b>Tensile Strength at Break:</b>	≥ 0,1 Mpa (SEL DM 05)
<b>Elongation at Break:</b>	≥ 200% (SEL DM 05)
<b>Modulus 100 % elongation:</b>	> 0,2 Mpa (SEL DM 05)

### Application Details

Application Temperature: +5 °C to +35 °C  
Temperature Resistance: -10 °C to +80 °C

The application surface must be solid, clean, dry and free of dust, oil and grease. Apply with manual or pneumatic caulking gun. Finish with a spatula or putty knife.

For sealing cracks, chinks, seams and connection joints that have a maximum 7½% joint movement.

Assembly wood, PVC and aluminum joinery.

Sealing of window and door frame to masonry.

Not suitable for joints exposed to continuous water immersion or joints which are totally closed.

Do not use Simflex® Supercryl on oil leaking materials such as bituminous substrates, natural and synthetic rubber.

Simflex® Supercryl is paintable when fully dry. However we recommend testing compatibility with paint before application.

It can be cleaned from all tools and application equipment with water before curing. Cured material can only be removed mechanically.

### Joint dimensions

Min. width: 5 mm

Max. width: 15 mm

Min. depth: 5 mm

Recommendation sealing: joint width = 2x joint depth.

Backing rods can be used for large joint dimensions to prevent triple bonding.



### Packaging

600 ml sausages

### Shelf Life

Store the product in a cool and dry place.

The shelf life is 12 months at temperatures between +5°C and +25°C.

### Caution

Keep out of reach of children. Avoid contact with skin and eyes. Use gloves before application. Safety data sheet available. Keep out of freezing, direct sunlight and temperatures above 40°C. Apply in well-ventilated areas

### Health and Safety

For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.

