



Code	Description	Size	Colour
60080	Toptec Industrial Silicone	300ml	Clear
60081	Toptec Industrial Silicone	300ml	White
19324	Toptec Industrial Silicone	300ml	Grey
60085	Toptec Industrial Silicone	600ml	Clear

### Description

Toptec Industrial Silicone is a fast curing neutral cure, fully elastic one component joint sealant based on silicones which meets ISO 11600 F+G 25LM

### Characteristics

- Low VOC
- Very easy application
- Permanent colour, UV-resistant
- Fast skin forming
- Stays elastic after curing
- Available in a wide range of colours
- Very good adhesion on many materials
- Low modulus

### Technical Data

<i>Base:</i>	Polysiloxane
<i>Consistency:</i>	Paste
<i>Curing System:</i>	Moisture Cure
<i>Skin Formation (20 °C/65% R.H.):</i>	Ca. 10 min.
<i>Curing Rate (20°C/65% R.H.):</i>	2mm/24h
<i>Specific Gravity (DIN 53479):</i>	1,25 g/mL
<i>Hardness(DIN 53505):</i>	22 ± 5 Shore A
<i>Temperature Resistance (fully cured):</i>	-60°C to +180°C
<i>Elastic Recovery (ISO 7389):</i>	> 80%
<i>Maximum allowed Distortion:</i>	+25%
<i>Elasticity Modulus 100% (DIN 53504) :</i>	0,38 N/mm <sup>2</sup>
<i>Maximum Tension (DIN 53504) :</i>	1,30 N/mm <sup>2</sup>
<i>Elongation at break (DIN 53504) :</i>	600%

\* This varies according to ambient conditions such as temperature, humidity, substrate etc

## Applications

---

- Building and construction joints, top sealing at glazing jobs, sealing's between treated wood and glass sealings between PVC and glass

## Shelf Life

---

18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25

## Surfaces

---

<i>Type:</i>	All usual building surfaces. Not on PE, PP, PTFE and bituminous substrates.
<i>State of Surface:</i>	Clean, dry, free of dust and grease
<i>Preparation:</i>	Apply Gorilla® Primer 150 on porous surfaces in water loaded applications – no primer required for non porous surfaces. Surface Activator should be used to enhance adhesion to non porous surfaces.

Toptec recommends preliminary compatibility tests prior to application.

## Joint Size

---

<i>Minimum Width:</i>	5mm
<i>Maximum Width:</i>	30mm
<i>Minimum Depth:</i>	5mm
<i>Recommendation:</i>	2 x depth = width

## Application

---

<i>Method:</i>	Caulking gun
<i>Application temperature:</i>	+5 °C until +35 °C
<i>Cleaning:</i>	With Toptec Express immediately after use
<i>Tooling:</i>	With soapy solution before skin formation
<i>Repair with:</i>	Toptec Industrial Silicone

## Application Limitations

---

This sealant should not be used to install double glazed windows and security glass. Do not use on natural stones (marble, granite,...). We recommend a preliminary adhesion test on PVC.

## Tests & Certifications

---

France: "Mastic Elastomère 1ère cat. sans primaire sur verre, alu et béton (label SNJF)  
United Kingdom: BS 5889 Type A  
ISO11600 F 25LM / G 25LM (cert. number 047/000277 Aenor, Spain)

## Health and Safety Recommendation

---

- Apply the usual industrial hygiene
- Please refer to the SDS for more detailed information.

**Remark**

*The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.*

**If any clarification is required, please contact 0800 TOPTEC or email [sales@toptec.co.nz](mailto:sales@toptec.co.nz)**

**Last Updated:** 20 May 2015