



Code	Description	Size	Colour
20178	Toptec Facade 25LM PU Elastic Joint Sealant	600ml	Grey

### Description

Toptec Facade 25LM PU Elastic Joint Sealant is a high quality, elastic, one-component sealant based on polyurethane.

### Characteristics

- Very easy to apply
- Permanent elastic after curing
- Very good adhesion on many materials
- Excellent resistance to UV radiation
- Low modulus

### Technical Data

<i>Base:</i>	Polyurethane
<i>Colour:</i>	Grey
<i>Consistency:</i>	Stable paste
<i>Curing System:</i>	Moisture curing
<i>Skin Formation (20°C/65% R.H):</i>	Ca. 50 min
<i>Curing Rate (20°C/65% R.H):</i>	Ca. 2 mm/24h
<i>Hardness</i>	25 ± 5 Shore A
<i>Density</i>	Ca. 1,03 g/ml
<i>Elastic recovery (ISO 7389)</i>	> 80 %
<i>Maximum allowed distortion</i>	±25 %
<i>Temperature resistance</i>	-30 °C — 90 °C
<i>Max. tension (DIN 53504)</i>	1,50 N/mm <sup>2</sup>
<i>Elasticity modulus 100% (DIN 53504)</i>	0,20 N/mm <sup>2</sup>
<i>Elongation at break (DIN 53504)</i>	>800 %
<i>Application temperature</i>	5 °C — 30 °C

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

### Applications

- All usual building joints with high movement
- Connection joints between window and doorframes and walls
- Expansion joints between many different construction materials
- Joints with large movement

## Shelf Life

---

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

## Joint Size

---

Min. width for joints:	5 mm
Max. width for joints:	30 mm
Min. depth for joints:	5 mm

*Recommendation sealing jobs: joint width = 2x joint depth.*

## Application

---

Substrates:	All usual building substrates, brick, concrete and metals
Nature:	Clean, dry, free of dust and grease
Surface preparation:	Apply Primer 100 on natural stone, no primer on non-porous substrates No adhesion on glass
Application method:	With manual or pneumatic caulking gun
Cleaning:	With white spirit or Toptec Express Cleaner immediately after use
Tooling:	With a soapy solution before skinning
Repair with:	Toptec Facade 25LM PU Elastic Joint Sealant

*Toptec recommends preliminary compatibility tests prior to application.*

## Limitations

---

Toptec Façade has no adhesion to glass.

To reduce the possible UV damage to the sealant Holdfast NZ Ltd recommends coating the sealant with an acrylic paint coating.

Toptec Facade may be painted, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application. The drying time of alkyd resin based paints may increase. When painted with oxidative drying paints disturbances in the drying of the paint may occur.

Toptec Facade can be applied to a wide variety of substrates. Due to the fact that specific substrates such as metals, plastics, polycarbonate, etc may differ from manufacturer to manufacturer, we recommend preliminary compatibility tests.

## Health and Safety Recommendation

---

- Apply the usual industrial hygiene.
- Take the usual labour hygiene into account..

### 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: 18 July 2018