



Code	Description	Size	Colour
19328	Toptec Galvanised Sealant	300 ml	Grey

### Description

Toptec Galvanised Sealant is a multi-purpose adhesive and sealant product with high solid content and hence more cost effective.

### Characteristics

- Extremely good resistance to exterior exposure
- It will withstand a high degree of vibration and movement, due to the flexible nature of the dried adhesive film
- Strong bond is formed quickly due to the fast evaporation of solvent.
- It is not designed as a joint sealant for high movement joints.
- Being nitrile rubber based it has exceptionally high chemical and oil and solvent resistance.

### Technical Data

<i>Type:</i>	Nitrile rubber/resin/filler mixture Solvent based
<i>Form:</i>	Extruded from a plastic cartridge as a high viscosity mastic paste.
<i>Density:</i>	Approx 1
<i>Non volatile matter:</i>	Approx 40%
<i>Water Resistance:</i>	Excellent
<i>Chemical Resistance:</i>	Good resistance to oil, gasoline, poor ketones
<i>Temperature Range:</i>	-20°C to +100°C
<i>Aging:</i>	Excellent and better than most adhesives
<i>Flammability:</i>	Highly Flammable
<i>Shrinkage:</i>	Moderate due to solvent loss.

### Application

The sealing of mitre joints in aluminium joinery where a tough, flexible sealant is required to guard against moisture penetration. It bonds to most common substrates and surfaces porous or non-porous, rough or smooth. Most of the construction material for wall, roof, and floor be it metal, timber, concrete and most plastics can be bonded and sealed.

### Shelf Life

12 months if stored in cool, dry place in original condition, unopened cartridges. Store in cool, dry conditions out of direct sunlight below 30°C and away from naked flame or source of heat.

## Surfaces

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**Preparation:** Clean and dry and free from dust and loose or flaking material. A good surface preparation will ensure better adhesion. A wipe with Toptec Powder Coat Cleaner is recommended.

## Application

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**Method:** Cut cartridge nozzle to the correct size and apply the adhesive with caulking gun with even hand pressure. When bonding two non porous surfaces it is best to apply the product to each surface and allow these to dry for about 5-10 minutes before pressing the two surfaces into contact. Toptec Galvanised Sealant gains its strength by losing solvent therefore two completely impervious surfaces will have a slow strength build-up. Toptec Galvanised Sealant will be touch dry within a few minutes, however it may take longer to completely dry through depending on porosity, thickness off adhesive applied.

**Application temperature:** Above 5°C and below 35°C

## Application Limitations

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- When painted with oxidative drying paints disturbances in the drying of the paints may occur.
- Toptec Galvanised Sealant must not be applied to frost-bearing surfaces or if temperature will be below freezing
- The suitability of this product, for each intended use, must be determined by the purchaser prior to acceptance

## Health and Safety Recommendation

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- Apply the usual industrial hygiene.
- Pre-testing for adhesion is intended to eliminate potential field problems. This testing will aid in determining the proper surface preparation method.
- Clean with Toptec Powder Coat Cleaner.
- For more detailed information, please refer to the SDS.

### **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)**

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