



| Code  | Description                    | Size  | Colour |
|-------|--------------------------------|-------|--------|
| 20110 | Toptec Raw Aluminium Protector | 4Lt   | Clear  |
| 20111 | Toptec Raw Aluminium Protector | 4Lt   | White  |
| 20112 | Toptec Raw Aluminium Protector | 4Lt   | Bronze |
| 20113 | Toptec Raw Aluminium Protector | 4Lt   | Grey   |
| 20115 | Toptec Raw Aluminium Protector | 500ml | White  |
| 20116 | Toptec Raw Aluminium Protector | 500ml | Bronze |
| 20117 | Toptec Raw Aluminium Protector | 500ml | Grey   |
| 20052 | Toptec Raw Aluminium Protector | 500ml | Clear  |

### Description

Toptec Raw Aluminium Protector is a self-levelling small joint sealer, which can be used for sealing between various substrates in exterior or interior applications. Toptec Raw Aluminium Protector can be used for sealing between: aluminium, wood, masonry, metal, and glass in the manufacture of window joinery.

### Characteristics

- Excellent ageing resistance and good flexibility to seal and waterproof exterior joints.
- Unique flow/viscosity characteristics ensure good wetting and sealing of small mitre joints in aluminium window sections without vertical slump problems.
- Toptec Raw Aluminium Protector is not designed for use to seal wide movement or expansion joints.

### Technical Data

|                            |   |
|----------------------------|---|
| <i>Base:</i>               | Synthetic Rubber/Resin/Filler/Solvent   |
| <i>Solvent:</i>            | Petroleum spirit – highly flammable.  |
| <i>Viscosity:</i>          | 550 – 880 Poise (Brookfield RVT 5/2.5rpm/25 deg)                                  |
| <i>Solids content:</i>     | Transparent 55% +/- 3%  |
| <i>Skin time:</i>          | 25 – 35 minutes.  |
| <i>Tack free:</i>          | 3 hours @ 25°C  |
| <i>Hardness:</i>           | 40 Shore A. (Clear)   |
| <i>Specific Gravity:</i>   | 1.16 – 1.26 @ 25°C  |
| <i>Location:</i>           | Interior or exterior  |
| <i>Water resistance:</i>   | Excellent   |
| <i>Solvent resistance:</i> | Not resistant to oil or petrol  |
| <i>Ageing:</i>             | Excellent (no change to basic properties after oven ageing @ 100°C/ 3 weeks)      |
| <i>Drying time:</i>        | Fully drying requires minimum of 21 days for a 2mm thick film at room temperature |
| <i>Temperature range:</i>  | -20°C to 70°C   |
| <i>Printability:</i>       | Can be painted  |

## Applications

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- Can be used for sealing between: aluminium, wood, masonry, metal, and glass in the manufacture of window joinery.

## Shelf Life

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12 months if stored in cool, dry conditions in original, unopened containers. Store in cool, dry conditions out of direct sunlight below 25°C and away from naked flame or sources of heat.

## Surfaces

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*State:* Thoroughly clean and dry surfaces.

Toptec recommends preliminary compatibility tests prior to application.

## Application

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*Method:* Apply a continuous bead of sealing compound to the joint or surfaces by means of a tube and nozzle or sealant gun. Take care not to exclude air pockets by working the sealant into the joint. Allow to dry for 4 hours, by which time the bead will have set.

**NOTE:** *Toptec Raw Aluminium Protector cannot be used in joints exceeding 2mm width. This product must not be mixed with solvents or other materials other than those recommended by Toptec.*

*Clean:* Toptec Express Powder Coat Cleaner

## Health and Safety Recommendation

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- Apply the usual industrial hygiene

### **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:** 6 November 2017