



Code	Description	Size	Colour
60050	Toptec Industrial Adhesive	310ml	Translucent

Description

Toptec Industrial Adhesive is a one-component ready to use, translucent polyurethane based construction adhesive. Suitable for interior and exterior applications.

Characteristics

- Low VOC
- Professional quality
- Fast curing
- Paintable
- Expands as curing to fill uneven surfaces within the band line
- Waterproof D4
- Solvent free

Technical Data

<i>Base:</i>	Polyurethane
<i>Consistency:</i>	Paste
<i>Curing System:</i>	Moisture cure
<i>Open Time*:</i>	Approx 15 minutes
<i>Clamping Time:</i>	At least 1 hour
<i>Curing Rate:</i>	Approx 60 minutes @ 20°C
<i>Specific Gravity:</i>	Ca 1.11 g/ml
<i>Temperature Resistance:</i>	-30°C until +100°C after curing
<i>Water Resistance (DIN EN 204):</i>	D4
<i>Shear Strength (DIN EN 204):</i>	>10 MPa
<i>Solid Contents:</i>	100% (solvent free)
<i>VOC (%):</i>	0%
<i>VOC (g/litre):</i>	0

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

Applications

- Interior applications with frequent long-term exposure to running or condensed water.
- Exterior applications with exposure to weather influences.
- Manufacturing of door and window-frames that need to meet class D4 according to EN204.
- Bonding of wooden construction elements.
- Bonding of insulation materials (including polystyrene).

- For masonry bonding

Packaging

Colour: Translucent, excess extruded from band line is white

Surfaces

Type: Various porous substrates such as wood, concrete, bricks and other common materials in the building industry. Not suitable for PE and PP.

State: Clean, free of dust and grease

Preparation: The adhesive cures under the influence of humidity. Slight moistening of substrates improves curing rate and gap filling characteristics as adhesive foams up to penetrate the bond cavity.

Method: We recommend a preliminary compatibility test. Apply the adhesive by means of a manual or pneumatic caulking gun to one of the to be bonded materials. Join the parts together and clamp for at least 1 hour. Clamping the materials, during curing, is essential to reach the highest possible end strength.

Application

Method: Manual or pneumatic caulking gun

Application Temperature: +5°C to +35°C

Clean: Toptec Express Powder Coat Cleaner

Repair: Toptec Industrial Adhesive

Limitations

- As some timber treatments contain wax it is recommended that the surface of these timbers is activated with Gorilla Surface Activator before application of adhesive.
- Toptec Industrial Adhesive requires two (semi) porous surfaces to work successfully
- Toptec Industrial Adhesive is not considered a structural or load bearing adhesive. If unsure about your application please consult Holdfast technical services

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

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