

PROPERTIES

- ▶ **INSTANT TACK®** solvent-free dispersion formula
- ▶ No need to support joints with mechanical fixings
- ▶ 120 kg/m² initial tack*
- ▶ Fast drying on absorbent surfaces
- ▶ High adhesion properties
- ▶ Over paintable once dry
- ▶ Gap filling up to 10 mm.
- ▶ Minimum application temperature +10°C
- ▶ Low odour

* Henkel internal laboratory method: 12 g/cm²

APPLICATIONS

- For absorbent surfaces
- For bonding skirting boards made of wood and PVC
- For fixing decorative mouldings and ceiling roses
- For securing wall panels and insulation boards
- Not suitable for exterior use or areas of permanent immersion/constant damp
- One of the surfaces to be bonded must be porous
- Heavy or distorted items may require additional fixing

PROCESSING

Surface Preparation

Ensure surfaces to be bonded are clean and free of dust, grease or oil. Surfaces should not be continuously damp.

One surface must be porous to ensure a solid, secure bond because water has to evaporate for the bond to take effect.

In the case of very water-adsorbent substrates such as gypsum, MDF, chipboard (not OSB), clay-brick, it is possible that the glue dries too quickly along the outer perimeter of the application, and the interior of the application does not form a proper bond. To have proper bond on very absorbent surfaces, wet the surface with a spray bottle or wet cloth before gluing. For two non-absorbent, or water-sensitive surfaces use UniBond Trade PL300.

Technical Datasheet
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Pages 3

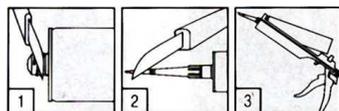


To remove adhesive residue of separating agents on PU made decorative panels, use abrasive paper or solvents like acetone before applying UniBond Trade PL100.

PROCESSING

Application

Cut off tip of the cartridge above the screw thread (1). Screw on plastic nozzle and diagonally cut off the tip of the nozzle (2). Place cartridge into gun (3).



Opening of the plastic cartridge

Apply adhesive onto one of the surfaces: 1) In spots in order to smooth uneven surfaces, 2) in wave-like form for higher initial tack with wide surfaces or 3) in straight strands for smaller surfaces. In case of outdoor use, apply vertical strands.



Application of the adhesive

Release the trigger on the gun after each application to prevent the adhesive from flowing - not valid for Foldable Gun.

Bonding of panels, plastic decoration details, acoustic panels etc.

Place panel 1-2 cm off the bonding spot, then slide into correct position and press well. If necessary, support heavy materials with decorative nails.

If the underlying layer is smooth and sound, bond panels directly. For uneven surfaces, we recommend creating a mechanically fixed sub-construction with small wooden panels or rigid polystyrene or polyurethane foam stripes (width: 5-10 cm, thickness: 5-20 mm, distance between stripes: 30-65 cm, depending on the panels to be bonded).

TEMPERATURES

Application

Application Temperatures: + 10°C to + 40°C

Service

Heat resistance: - 20°C to + 70°C

CHARACTERISTICS

Composition	Dispersion
Density	~ 1.30 g/cm ³
Open time	~ 10 min.
Gap filling	Max. 10 mm
Initial tack	10 - 14 g/cm ²
Final strength DIN EN 205	5 - 6 N/mm ²
Shelf Life	18 month in cool places
Setting time	12 h
Consumption/Coverage	~ 11 m using a 5mm bead, or ~400g/m ²

IMPORTANT ADVICE

Cleaning

Immediately remove any adhesive residue with a damp cloth. Cured material can only be removed mechanically.

Storage

Store away from heat, flame, and spark in a cool area. Because the product contains water, it is best stored free from frost.

Once opened, be sure to recap, use entire cartridge shortly after opening.

Shelf Life

18 Months when stored cool, dry and free from frost in original, unopened packaging after date of manufacture.

SAFETY

Contains Isothiazolinone mixture 3:1 (CIT/MIT). May produce an allergic reaction. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Safety Advice

Consult the Material Safety Data Sheet (mysds.henkel.com) for UniBond Trade PL100. www.unibond-trade.co.uk

PACKAGING

UniBond Trade PL100 is supplied in 364g cartridges



PL100

Grab Adhesive

DISPOSAL

Product and packaging disposal

Dispose of waste and residues in accordance with local authority requirements (please refer to Safety Data Sheet for more information).

SUBSTRATE COMPATIBILITY

UniBond Trade PL100 is suitable for the following surfaces: plaster (indoor), concrete, cellular concrete, pumice, fibre concrete, plaster board, gypsum boards, wood materials (e.g. chip boards) and polyurethane rigid-foams.

Not recommended for permanent water immersion.

"The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. f."

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law."

Henkel AG & Co. KGaA

40191 Düsseldorf, Germany

Elch GmbH

Henkelstrasse 67 – D-40589 Düsseldorf

HPSA Ltd.

Hinckley, Leics. – LE10 1DP

Henkel Limited

Road 5, Winsford Industrial Estate, Winsford,
Cheshire, CW7 3QY

www.unibond-trade.co.uk

