



# Technical Data Sheet



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Ref: UC8000  
Issued: 02/05/2024  
Number of pages: 4

## UniBond No More Nails Stick & Peel Strong removable construction adhesive



### CHARACTERISTICS

- High initial tack
- Strong adhesion properties
- Bonded assemblies can be easily removed
- Items can be re-used after removal
- Adjustable for up to 20 minutes
- Moisture curing
- Silicone-free
- For indoor use
- Free of phthalate plasticisers
- Free of isocyanates
- Solvent-free
- Non-corrosive
- Minimal shrinkage during curing

### APPLICATION FIELD

- UniBond Stick & Peel is recommended as a removable adhesive for applications, where the bonded items should be separated from each other at a later point in time
- Application examples:
  - Towel hooks to tiles, e. g. in the bathroom, toilet or kitchen
  - Small mirrors to tiles or high-pressure laminate, e. g. in the bathroom or toilet
  - Bathroom accessories, e. g. soap dispenser, toothbrush holder etc.
  - Kitchen accessories, e. g. kitchen tool rail, spice shelf etc.
  - Signs, e.g. bonding signs to doors or walls
  - Suitable for glazed tiles, glass, high-pressure laminate, PVC, stainless steel, aluminum and other solid, non-porous materials
  - Rigid porous materials\* e.g., wood<sup>2</sup>, bricks<sup>2</sup> or concrete<sup>2</sup>.

\*not suitable for PE, PP, PTFE, acrylic glass, plasticized PVC, copper, brass, and natural stones. <sup>2</sup>Permanent stains will occur on porous materials or coated surfaces. Not suitable for applications with water pressure or permanent water immersion, eg., in swimming pools.



**Standards/Approvals:**

- GEV EMICODE®:
- EC 1 PLUS (very low emissions)
- VOC emission class (France): A+

**INSTRUCTIONS FOR USE**

**Pretreatment:**

Ensure surfaces to be bonded are clean, dry, and free of dust, grease or oil. Knead tube prior to application in order to aid extrusion.

**Application:**

Apply spots of Stick & Peel to one surface at regular intervals. Firmly press into place with a twisting action. Ensure adhesive layer thickness of at least 0.5mm. Remove excess adhesive immediately with white spirit. Set the item to be bonded in position with hand pressure. Heavier items may need support during curing.



**Removal:**

Carefully remove bonded objects by pulling downwards.



Peel off remaining adhesive. If necessary, use a flat scraper or screwdriver to assist removal.



**Cleaning:**

Slight residues can be cleaned using white spirit.

The load limit heavily depends on the substrates, the element to be bonded and the curing conditions (temperature, humidity). Typical static load limits (under ambient conditions):

- After 24 hours curing: up to 60g per 1cm<sup>2</sup> applied adhesive can be loaded (hook with 15cm<sup>2</sup> adhesive surface: 1kg load).
- After 48 hours curing: up to 200g per 1cm<sup>2</sup> applied adhesive can be loaded (hook with 15cm<sup>2</sup> adhesive surface: 3kg load).

**TECHNICAL DATA:**

|                         |  |
|-------------------------|--|
| <b>Uncured product:</b> |  |
| Chemical base           | Moisture curing silane modified polymer (SMP) - curing by reaction with air humidity |
| Odour                   | Mild alcohol   |
| Application temperature | +5°C to +40°C (substrate and ambient)  |
| Consistency             | Non-slump paste  |
| Density                 | ~ 1,1 g/ml (ISO 2811-1)  |
| Resistance to flow      | ~ 0 mm (ISO 7390)  |
| Skin formation time     | ~ 15 minutes (23°C, 50% r.h.)  |
| Open time               | ~ 20 minutes   |
| Curing speed            | ~ 2-3 mm / 24 hours (23°C, 50% r.h., bead 20x10mm)                                   |
| Initial tack            | ≥15 g/cm <sup>2</sup>  |
| <b>Cured product:</b>   |  |
| Odour                   | Odourless  |
| Shore A hardness:       | ~ 35 (ISO 868)   |
| Tensile shear strength: | ~ 1 N/mm <sup>2</sup> (EN 205, wood/wood)  |
| 100% Modulus:           | ~ 1,2 N/mm <sup>2</sup> (ISO 37, Type 2)   |
| Tensile strength:       | ~ 2,5 N/mm <sup>2</sup> (ISO 37, Type 2)   |
| Elongation at break:    | ~ 250 % (ISO 37, Type 2)   |
| Application thickness:  | 0,5-1,5 mm   |
| Service temperature:    | -40°C to 80°C  |

**Notes on application/limitations:**

An application test is recommended if applying to coated substrates.

Staining may occur on coated materials, resulting in visible, permanent stains after removal.

Staining may occur on porous materials, resulting in visible, permanent stains after removal.

Do not use on bituminous substrates or on building materials which might bleed oils, plasticisers or solvents which could attack the adhesive.

Not suitable for applications with water pressure or permanent water immersion, e.g. in swimming pools.

Not suitable for natural stones (e.g. marble).

Not suitable for PE, PP, PTFE, acrylic glass, plasticized PVC, copper and brass. Colour deviations may occur e.g. due to exposure to chemicals or high temperatures. However, a change in colour does usually not affect adversely the technical performance or the durability.

The product may only be used for mirror bonding if the mirror coating and the protective lacquer complies with EN 1036-1. In case of unknown mirror qualities please ask mirror producer for an approval. Risk of breaking larger mirrors during removal.

**Storage:**

12 months from date of production if stored in unopened original tubes, in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.

**Packaging:**

44g tube.

**HEALTH AND SAFETY**



Before using the product please see related Material Safety Data Sheet that is available on request.

“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.

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