

PROPERTIES

- ▶ Single component, neutral curing
- ▶ Low Modulus
- ▶ Excellent adhesion on most substrates
- ▶ Quick curing
- ▶ Flexible Seal (25% movement)
- ▶ Primerless adhesion to PVCu
- ▶ Durable, highly weather resistant

APPLICATIONS

- Perimeter sealing of uPVC doors, windows and conservatories
- For all types of construction, connecting, perimeter and expansion joints
- uPVC roofline (e.g. fascia boards, soffits)
- Glazing (weather sealing, flexible jointing), including glazing of insulating glass units.
Avoid contact with secondary seal

PROCESSING

Surface Preparation

All surfaces must be clean, dry and free from any dust or any traces of contaminations, which may affect adhesion.

To degrease, wipe with a pad soaked in solvent then with a clean cloth. Dust should be removed using oil-free compressed air.

UniBond Trade 10T does not require a primer on most usual surfaces. In the case of joints likely to be immersed and especially for porous surfaces, the application of a specific primer is recommended. Please consult us for information.

Comment:

This choice should always be made following preliminary tests carried out on the surface in consideration. The application should preferably be carried out using a soft hair brush; in general, in the case of significant absorption of the surface, a second coat should be applied after the first coat has dried.

Joint Dimensions

The movement capability of the sealant as well as local regulations must be considered. In general the joint width should be twice the depth.



Sealant Coverage per 300ml cartridge of sealant for the following seal dimensions are given below for information purposes only:

- 12 metres of 5 x 5 mm seals
- 5 metres of 8 x 8 mm seals
- 2.5 metres of 15 x 8 mm seals
- 1.5 metres of 20 x 10 mm seals

High Performance Silicone

TEMPERATURES

Application

Application Temperatures: +5°C to +40°C

Service

Service Temperatures: - 50°C to + 120°C

CHARACTERISTICS

Type of silicone :	Alkoxy
Density ISO 2811-1	~ 1,38 g/ml white ~ 1,01 g/ml translucent
Resistance to flow ISO 7390	~ 1 mm white ~ 0 mm translucent
Skin formation time +23°C/ 50% RH	~ 25 min. white ~ 20 min. translucent
Curing speed +23°C, 50%RH, cross-section of joint 20x10mm	~ 2 mm/ day white ~ 2,5 mm/ day translucent
Shore A hardness ISO 868	~ 20 white ~ 17 translucent
Movement capability ISO 11600	25%
Max. joint width	30 mm
Change of volume ISO 10563	~ 4% white ~ 8% translucent
Elastic recovery ISO 7389-A	~ 85%
Modulus at 100% elongation ISO 8339-A	~ 0,35 N/mm ² white ~ 0,3 N/mm ² translucent
Elongation at break ISO 8339-A	450 % white 300 % translucent

STANDARDS

ISO

ISO 11600-F&G-25 LM

EN 15651-1 (CE marking)

Product type F-EXT-INT: sealant for façade for interior and exterior applications

EN 15651-2 (CE marking)

Product type G: sealant for glazing applications

EN 13501-1

Reaction to fire: class E

IMPORTANT ADVICE

Cleaning tools

Areas soiled with fresh sealant may be cleaned with a dry pad or a pad soaked in a solvent. Any cured sealant can be removed by scraping (e. g. using a razor blade) or by using a special silicone remover product.

Storage

Cool, dry and free from frost

Shelf Life

12 Months when stored at temperatures between +5°C and +25°C in original, unopened packaging after date of manufacture.

SAFETY

Safety Advice

Consult the Material Safety Data Sheet (mysds.henkel.com) for UniBond Trade 10T. www.unibond-trade.co.uk

COLOURS

White

PACKAGING

UniBond Trade 10T is supplied in 300ml cartridges.

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).



10T

High Performance Silicone

SUBSTRATE COMPATIBILITY

UniBond Trade 10T provides excellent primerless adhesion on most construction substrates, including synthetic and porous materials such as concrete, brick (glazed and unglazed), glass, tiles, ceramics, anodised and powder coated aluminium, steel, stainless steel, wood, treated wood, polyester, polycarbonate, PVC and all uPVC profiles.

LIMITATIONS OF USE

UniBond Trade 10T is not recommended for joints that are in direct food contact.

UniBond Trade 10T is not recommended for structural glazing applications.

UniBond Trade 10T is not recommended for swimming pool joints, for aquarium joints or for applications under water.

Before using UniBond Trade 10T on painted substrates, paint has to be completely dry and cured. Prior compatibility tests are recommended, considering the variety of paints that exist. When applied to alkyd paints, slight yellowing may appear.

UniBond Trade 10T seals must not be over-painted (poor covering and adhesion of the paint).

UniBond Trade 10T is not recommended on materials which can exude certain components over time (butyl sealant, EPDM rubbers, polychloroprenes, etc.). Discolouration or reduction of adhesion properties could take place.

Application of UniBond Trade 10T on natural stone (e.g. marble, granite) is not recommended. For applications on natural stone use a special natural stone silicone.

UniBond Trade 10T is not recommended for applications on PTFE (Teflon®) or polyethylene.

For any applications on sensitive surfaces (e.g. mirrors) carry out preliminary testing to check compatibility with the sealant.

"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."

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