



*The Glue People*

**Trade Grade Products Ltd**  
 Unit 2, Thorne Way  
 Woolsbridge Industrial Park  
 Three Legged Cross  
 Wimborne, Dorset, BH21 6FB  
 Tel 01202 820177  
 Fax 01202 814011

# TradePUR LTM4

**Solvent free, gap filling assembly adhesive.**

## General Description

TradePUR LTM4 is a universal polyurethane assembly and repair adhesive; it is free from solvents, has good gap filling properties and a fast reaction time. LTM4 is used for many different applications in the building industry, the assembly industry and the caravan manufacture and repair industry.

## Uses

TradePUR LTM4 has an excellent bonding strength on different wood and construction materials, plasterboard, concrete, insulations, ceramics, metals, duro- and thermoplastics (providing suitable surface preparation has taken place). LTM4 is D4 waterproof to EN 204 without the addition of hardener.

Due to the large number of different areas of application and possible differences in the reaction of the bond, testing is required before use in production.

## Application

### Surface preparation

Surfaces to be bonded must be clean, dry and free from dirt, dust or any other contaminant liable to impair adhesion.

### Application

TradePUR LTM4 should be applied to only one of the surfaces to be bonded. When bonding non-absorbent materials to each other it is advisable to fog water on the applied adhesive in order to achieve a complete hardening. The parts to be bonded should be assembled within the film formation time (after dampening max. 5 minutes). For best results the bonded substrates should be pressed or clamped until functional hardness can be reached. TradePUR LTM4 foams slightly during the curing process, uncured adhesive can be removed using Tradesolve 4.

## Physical Data

Colour	Beige (cured)
Film properties	Viscous elastic
Viscosity	medium viscosity, paste-like (@20°C)
Density	1.52 g/cm <sup>3</sup>
Film formation time	DRY – 10 minutes (@ 20°C, 60% relative humidity, application quantity 500 µ-PE/PVC) WET – 5 minutes (@ 20°C, 60% relative humidity, application quantity 500 µ-PE/PVC)
Functional hardness	From 15 minutes (application @ 20°C)
Final setting time	24 hours (Approx.)
Min. application temp.	+7°C
Shelf life	12 months when stored correctly.

### Special attention

The viscosity of TradePUR LTM4 is twice as high when working at +15°C when compared to working at +25°C. The adhesive changes colour slightly if it is exposed to the sun, but the bonding strength does not change. TradePUR LTM4 will bond Aluminium only on chemically pre-treated or lacquered surfaces. When bonding solid timber to solid timber the pressure should be no less than 1 N/mm<sup>2</sup>.

Film formation times and pressing times can only be found out through own tests as they are strongly affected by material, temperature, application quantity, humidity and other criteria.

### Storage

Store only in original containers at temperatures between 15°C and 20°C. Keep out of direct sunlight.

### Packaging

Available in 310ml EU cartridge.

### General Information

**For safe handling information on this product, consult the material safety data sheets, (MSDS).**

### Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data and are verified on a periodic basis.

### Important Notice

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control.

It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, TradePUR LTM4.