



*The Glue People*

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# Tradeweld PUR

**Twin pack polyurethane adhesive.**

## General Description

Tradeweld PUR is an advanced formulation designed specially for use in both factory and site applications. It is designed to have high early grab and fast cure. Under normal circumstances the mixed material will cure in 45 seconds achieving 40% of its final strength in half an hour at 18-20°C. Full strength will be achieved in 24 hours, for this reason it is advisable not to put the material under working load too early.

## Preparation

Because of the products rapid cure; sufficient work should be prepared in advance to eliminate excessive waste. The material will cure in the mixing nozzle and a supply of spare nozzles is advisable. In some situations it will be advantageous to employ two operatives, one to apply the adhesive and one to set the two halves of the job together. Only sufficient material to cover the surface to be bonded should be applied, it is common to employ 'dabs' or spot points and form the glue line by applying pressure to the work piece when offering it in to place.

## Application

The surfaces to be bonded should be free from dust, grease and loose friable material. They should be dry and if previously painted, shiny or contaminated with mill scale a cleaning and scarification programme should be adopted. Once cleaned the surfaces should be protected from further contamination.

Whilst it is possible to mix and apply the material by hand; it is preferable to use an applicator gun and an in line mixer. Once mixed the material is a pale kaki and should have a glossy finish. It should have a concoidal fracture line if broken open and should be free from excessive blowholes or pockets of unmixed adhesive. If, when cured, the material is a dull colour and has a foam structure it is likely that water or moisture contamination has occurred.

## Packaging

Normal packaging is in ratio pack containing 25ml of pack A and 25ml of pack B, this pack is suitable for use in standard applicator guns. Large packs can be supplied to order together with the appropriate mixers and applicator guns. Please discuss your adhesive and application requirements with our technical department.

## General

### Storage

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. Do not store in humid environments. To prevent contamination of unused product, do not return any material to its original container. For specific shelf-life information, contact Trade Grade Products at the above address.

### 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, Tradeweld PUR.