



*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 201

**Moisture cure polyurethane spray adhesive.**

## General Description

TradePUR 201 is a sprayable polyurethane based moisture curing adhesive that has excellent adhesion to various substrates used in the manufacturing of structural sandwich panels. Its formulation assures panels can be easily positioned before consolidation of the bond, and once fully cured exhibits excellent heat resistance and good flexibility at very low temperatures.

TradePUR 201 can be used in the construction of load bearing panels and exterior insulation panels where adhesion of synthetic foams and insulation materials to wood and metal laminates is required.

TradePUR 201 is also used in quality processes associated with textile bonding, automotive seats and office furniture.

## Application

### Preparation

Surfaces must be clean, dry and free from any contaminants liable to impair adhesion. Metal surfaces such as galvanised steel and untreated aluminium require the use of a primer in order to obtain a satisfactory bond.

### Method of application

It is suitable for application by conventional airless or air-mixed equipment; either by hand or automatic systems. The adhesive is applied to one surface only. TradePUR 201 may be applied directly to polystyrene foam without causing cell attack.

## Bonding / Pressure range

The open time TradePUR 201 exhibits enables laminates to be positioned accurately while the adhesive is still wet so ensuring full adhesive transfer to the substrate, giving an excellent overall bond once fully cured. Open time 20 mins @ 20°C 50% RH.

## Special comments

Since TradePUR 201 cures upon exposure to humid air, special consideration should be given to handling and storage of the material.

## Physical Data

<b>Base</b>	Polyurethane
<b>Colour</b>	Light straw
<b>Viscosity @ 20°C</b>	90 - 110 cps (Approx.)
<b>Specific gravity @ 20°C</b>	1.20 – 1.22
<b>Solvents</b>	Dichloromethane
<b>Chemical resistance</b>	Resistant to water, dilute acids and alkalis and aliphatic oils.
<b>Coverage</b>	Up to 20m <sup>2</sup> per litre depending on the substrates being bonded.
<b>Flammability</b>	No flash point
<b>Service temperature</b>	-40°C to +130°C
<b>Application temperature</b>	Minimum +12°C
<b>Storage life @ 25°C</b>	3 months in unopened containers. Store between 5°C and 25°C.
<b>Cleaning solvent</b>	Tradesolve 6.

## 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 201.