



*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

# Tradebond WA21

**Quick setting, versatile PVA adhesive**

## General Description

Tradebond WA21 is a high viscosity homopolymer emulsion of vinyl acetate. The emulsion is stabilised with polyvinyl alcohol and self-crosslinks with the evaporation of water.

## Properties

- WA21 is a fully compounded, ready to use, self-crosslinking, water resistant wood adhesive which meets the requirements of British Standards BS EN 204 D3.
- The emulsion has good wet tack, reasonable open time and is mechanically stable.
- The emulsion self-crosslinks after the evaporation of water.
- The emulsion is stable for extended periods of time, although there may be an increase in viscosity at low shear with time.

## Application

Suitable application areas include:

- Water resistant adhesive.
- General purpose wood adhesive.
- Wall covering adhesive.
- Furniture assembly.
- Laminating.
- Binders in adhesives, paints, varnishes, textile treatments, paper and board coatings.

## Physical Data

Base	Vinyl acetate homopolymer
Total Solids	50 ± 1%
pH	2 - 4
pH stability	Keep below pH 4 for effective crosslinking.
Particle size range	0.5 – 3.0 µ approx.
Free monomer content	< 0.2%
Specific gravity @ 25°C	1.10
Freeze-thaw stability	Good
Borax compatibility	Unstable
Minimum film forming temp	2 – 5°C
Viscosity @ 25°C Brookfield RVT Spindle 6, 20rpm	100 – 200 poise

## General

### Hazards:

Preparations do not carry a hazard classification according to EEC directives 88/379/EEC, 67/548/EEC and 79/831/EEC. May cause soreness if in contact with eyes.

### Storage:

Store in tightly closed, original container.

**Protect from frost.**

### 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, Tradebond WA21.

