



Chemical Technology Pty Ltd

ABN 62 004 586 690

76-80 Lipton Drive Thomastown 3074

Telephone: (03) 9462 3730

Fax: (03) 9460 5230

Mobile: 0431 481 661

## BONDTECH PVA 58 ADHESIVE

### TECHNICAL DATA SHEET

#### **DESCRIPTION & USES:**

Bondtech PVA 58 is a high performance, one part cross-linking PVA wood glue which gives very strong bonds in door pressing, veneering and general carpentry applications. Bonds made with Bondtech PVA 58 exhibit good heat and water resistance and will conform to EN 204 – Group D3.

Bondtech PVA 58 is classed as fast setting and responds well to RF curing

#### **METHOD OF APPLICATION:**

- Bondtech PVA 58 is primarily designed to be applied by roller
- Ambient and timber temperatures should be above 15°C, for best gluing conditions it is ideal to operate within the range 18 – 23°C
- Moisture content of the timber should ideally be in the range 10 – 12%
- Application rate should be tested on each species of veneer depending on absorption rates, but an indicative norm to achieve a good bond is 190 – 240 gsm
- Open time should not exceed 5 – 10 minutes and assembly time should not exceed 20 minutes
- Best results are obtained by pressing platten temperature 90 – 105°C for approximately 45 – 60 secs at pressures between 4 – 6 bar
- Ensure substrates are dry and free from oils, dirt or grease
- Rotate stock using oldest batches first
- Protect from freezing

#### **PROPERTIES:**

Appearance	White liquid
Dry film characteristics	Very tough/hard yet flexible
Viscosity (Brookfield 4/20 @ 25°C)	6,000-8,000 cps
Total Solids Content	48 – 50%
Specific Gravity	1.06 g/ml
pH	3.0 – 3.5
Catalyst for RF Curing	Aluminium Chloride

**Note: Additional information on physical properties, health hazards, storage, handling and transport is available in the Material Safety Data Sheet (MSDS).**