

## jet- white glue

### ▪ Product Description:

**jet- white glue** is a one part PVA emulsion adhesive, specially formulated for wood bonding where a fast set, high bond strengths. Zurechem-white glue adhesive bonds virtually all woods, wood veneers, and mouldings and high pressure decorative laminates (i.e. Formica). It is also suitable for use with a radio frequency press.

### ▪ Characteristics:

- Fast setting.
- High bond strength.
- May be used with hot or cold presses.
- Easy to apply by brush, roller or serrated glue spreader.
- Conforms to British Standard BS 4071 in respect of bond strength and resistance to sustained load.

### ▪ Technical Information:

<b>Base</b>	Polyvinyl acetate homopolymer
<b>Color</b>	White viscous emulsion
<b>Safety</b>	Neither flammable nor toxic – Solvent free
<b>Before drying of the film</b>	
<b>Solid Content</b>	38 ±2%
<b>Viscosity</b>	80 000 +/- 10 000 c.p.
<b>Specific gravity</b>	1.09
<b>pH</b>	5-5.5
<b>Setting time</b>	Quick
<b>Freeze-Thaw Stability</b>	Stable
<b>MFFT (°C)</b>	10
<b>After drying of the film</b>	
<b>Appearance</b>	White opaque
<b>Elasticity</b>	Semi-elastic

### ▪ Shelf life & Storage:

Valid for 18 months from production date if stored in its original tightly closed container in a dry place away from direct sunlight and excessive heat.

- **Instructions for use:**

**Stock conditions:**

The surfaces to be bonded should be clean; free of dirt, oil, and saw dust. Joints should be properly machined so that the surfaces can make intimate contact. For the best bonding conditions, the stock should be at a moisture content of 6 to 9% and a temperature of 70-90°F (21-32°C).

**Application of adhesive and applying pressure:**

Extra bond Z-W-1000 adhesives may be applied by brush, roller, squeeze bottle, or mechanical spreader. Pressure may be applied by the use of clamp carriers, presses, clamps, nails or doweling machines. Selection of the means of applying the adhesive and putting the assembly under pressure will be determined to a great extent by the nature of the individual operation and the end product. The typical assembly time after application of adhesive and before applying pressure is seldom longer than 15 minutes. Press time will depend on the bonding application but at lower bonding temperatures a longer cure time will be necessary.

**Caution: Clear or light finished laminated products:**

Most species of veneers, when used to make clear or light finished laminated products, may be susceptible to discoloration problems. Many factors, in combination or alone, may contribute to the discoloration either immediately or upon aging. Some of these factors are the natural chemical makeup of the wood, artificial or natural light, bleaching processes, sealers, finishes, coatings, adhesives, treated core and anything else that comes into contact with the wood. It is recommended that if you are considering the manufacture of clear or light finished laminated products, that you consult all the suppliers for additional information and that you conduct trial assemblies for individual evaluation and review before production.

**Production trials:**

Consult your Extra bond jet white glue distributor for assistance with your bonding operation. Production trials should be made to determine proper conditions for use of the adhesive.

**Disclaimer:** The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored, handled and used are beyond our control, we cannot assume any responsibility for their use by the customers.