



# Assembly T-2A

## PRODUCT DESCRIPTION

**Assembly T-2A** is a fast-setting, non-running polyvinyl acetate emulsion adhesive. It offers a short clamp time and good spreadability. In addition, its composition can reduce or eliminate costly cleanup operations before finishing. Assembly T-2A is well suited for all types of assembly joints including dowels, mortises, splines and plates.

## PHYSICAL PROPERTIES

**Chemical Family Description:** Polyvinyl acetate emulsion adhesive

**Typical Viscosity (cps):** 13,000-19,000

**Appearance:** Off white colored liquid

**Suggested Minimum Use Temperature:** 58 °F

**Freeze/Thaw Stable:** Yes

**Per Gallon (Weight lbs.):** 9.60

**pH:** 3.7 - 4.7

**Weight Solids (%):** 52.5 - 55.5

## APPLICATION GUIDELINES

**Moisture Content:** Proper stock moisture content is important to successful assembly gluing. Adhesives generally set more slowly as moisture content of the wood increases. Recommended moisture content ranges are 6-8% in most interior applications.

**Joint Preparation:** Joints should be cut accurately with sharp tools. Joints should fit snugly when assembled and clamped. Adhesives should not be expected to act as gap fillers. Conversely, too tight of a joint may cause the adhesive to be scraped away from the gluing surface. Dull cutting tools will cause glazed or burnished surfaces preventing adhesive penetration.

**Spread:** Adhesive is generally applied by brush, plastic squeeze bottles, or automatic pumping system. It is important to get a uniform coating over the entire gluing surface.

**Assembly Time:** Assembly time can vary greatly depending on the adhesive used, glue spread, porosity and moisture content of the gluing stock, environmental conditions, etc. Generally accepted assembly times range from 2-10 minutes.

**Clamping:** A variety of clamps and clamping systems are available for assembly joints. Enough clamping pressure is recommended to provide a thin glue line along the entire surface of the joint. Direct contact of the gluing surfaces must be made to obtain maximum strength.

**Clamp Time:** Clamp time is dependent on the adhesive used, species and moisture content of the stock, environmental factors and glue line thickness. Clamp times can range from a few minutes to more than an hour depending on the above factors. Clamp times should be determined under plant conditions.



## Assembly T-2A

### PERFORMANCE PROPERTIES

#### Block Shear Strength:

	<b>Psi</b>	<b>wood failure%</b>
Room Temperature	3573	55
150°F Overnight	1104	---

**Room Temperature Speed of Set:** 1.19 (Fast)

### STORAGE AND HANDLING

**Shelf life:** 6 months at 70° F. Store in closed containers.

**Important Notice to Purchaser:** Our recommendations, if any, for use of this product are based on tests believed to be reliable. The greatest care is exercised in the selection of our materials and in our manufacturing operations. However, we make no recommendation to use this product in any manner which conflicts with existing laws and/or patents and WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS PRODUCT OR ITS USE, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, THE MANUFACTURER IS NOT LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES OF ANY KIND. Revised 07/31/08.

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