



63500 - 63512 Franklin Hyde Glue

Franklin Liquid Hide Glue revolutionized the industry when it came onto the market 50 years ago: the very first hide glue to be offered in liquid, bottled and ready-to-use form. No more mixing, heating and stirring. For its ease of use, moderate speed of set and superior strength, it remains a favorite of professional cabinetmakers, industrial woodworking plants and home craftsmen everywhere.

Type:	Natural protein emulsion
State:	Liquid
Color:	Amber
Dried film:	Translucent
Solids:	52 %
pH:	6.5
Viscosity:	4000 cps
Freeze/thaw stability*:	Passes 5 cycles at 0° F
Storage life:	12 months in tightly closed containers at 75° F

*) Although the glue may be thickened by freezing and thawing, agitation will usually restore it to usable viscosity.

Do not use if glue is thin or watery.

Temperature

Above 70°F. If chilled, store in an area above 70° F, and glue may be used with no loss of bond strength.

Maximum assembly time at 70° F

closed assembly	30 minutes
open assembly	10 minutes

Minimum required spread 40 lbs per 1000 sq.ft. of glue line

Required clamping pressure: Enough to bring joints tightly together (e.g., 150 psi for pine).

Clean-up

Damp cloth while glue is wet. Scrape off dried excess. Normal laundering for affected clothing

Minutes	Inch-pounds
3	64
5	85

Temperature	Strength psi	% wood failure
70° F overnight	3591	72
150°F overnight	3207	59

Franklin Liquid Hide Glue is a genuine hide glue in ready-to-use form. It creates a joint stronger than the wood itself. And it is suitable for gluing together many materials other than wood: hardboard, chipboard, leather, cloth-backed imitation leather, high-pressure laminates, cloth, paper and other porous materials.

Some of its other features:

- has a moderate set-speed that permits precise, unhurried assembly of parts
- can be used for edge or face-gluing, dowelling, mortising, veneering and various types of laminating. (Not recommended for exterior or waterproofing uses).
- has excellent creep resistance.
- superior resistance to solvents.
- can be applied by roller or dip spreader, pressurized glue cans, pressure oil cans, polyethylene plastic applicators, brush or stick.
- not harmed by freezing. Should it be delivered frozen, it will recover its normal liquidity if kept in a warm place. (NOTE: Numerous cycles of freeze-and-thaw tend to increase the viscosity of the glue. It is recommended that Franklin Liquid Hide Glue not be stored for extended periods at temperatures lower than 40° F).