



Glue Application Chart

Glue	Applications	Working Temp	Water Resist	Open Time	Clamp Time	Notes	Cautions (Refer to product labels for more Information)
Regular Yellow	Indoor Projects	50° +	Poor	5 Min.	30 Min.	Widely available, inexpensive, strong bond.	Freezing can ruin glue.
Type II Yellow	Indoor or Outdoor projects	50° - 85°	Excellent	5 Min.	1 Hr.	Same as above, plus water resistant.	Freezing can ruin glue.
White	Indoor projects where longer open time is desired	60° +	Poor	8 Min.	1 Hr.	Bond is not as strong as yellow glue.	Freezing can ruin glue.
Liquid Hide	Indoor projects where longer open time is desired, joints that may need to be disassembled	70° - 90°	Poor	10 Min.	12 Hr.	Joint can be disassembled with steam/heat.	
Hot Hide	Indoor projects, restoration of furniture originally assembled with hide glue, joints that may need to be disassembled	140° - 212°	Poor	< 1 Min.	2 Hr.	Sold as granules that must be dissolved in water and heated. Joint can be disassembled with steam/heat.	
Polyurethane	Indoor projects, outdoor projects	50° +	Excellent	20 Min.	4 Hr.	Needs moisture to cure. Foams as it cures.	Can react with moisture in skin. Wear gloves.
Epoxy	Bonding dissimilar materials (ie metal or glass to wood), bonding oily woods, and for waterproof bonds	35° + depending on formula	Excellent-waterproof	5 Min. to 90 Min. depending on formula	Varies with open time	Two-part system that must be mixed before use.	Repeated exposure can cause sensitization. Avoid skin contact, wear respirator and goggles.
Contact Cement	Plastic laminates and veneers to substrates	65° +	Fair	10 Min. to 60 Min.	Apply pressure with roller	Solvent-based open time shorter than water-based open time.	Vapors can be extremely flammable. Do not use near open flames.
Spray Adhesive	Paper patterns and fabrics to workpieces	50° +	Poor	30 Sec. to 1 Min.	None	May need to mask off surrounding areas to avoid overspray.	Do not use around open flame.
Super Glue	Repairing small cracks, chips, securing inlays	50° +	Very Good	15 Sec. to 5 Min.	None	Accelerator available to speed cure times	Bonds skin instantly. Fumes may be irritating to eyes.
Hot Melt Glue	Temporary bonds that need easy removal	240° - 400°	Fair	5 Sec.	None	Glue sticks must be heated in glue gun.	Hot glue dripped on skin can cause burns.
Resorcinol	Waterproof joints	65° +	Excellent-Waterproof	15 Min.	10 Hr.	Two-part system that must be mixed before use.	Powder and fumes are hazardous. Wear goggles, respirator and gloves when using.