

Type		Ease of use	Bonding power	Gap filling	Cleanup (1)	Flexibility	Sheer strength	Water resistance (2)	Cold-weather use	End-grain bonding	Stainability	Cure time	Fasteners recommended (3)	Best use
Exterior wood glues	Water resistant	A	B	D	A	C	B	R	D	D	D	24 hr.	O	Outdoor furniture
	Waterproof	A	B	D	A	C	B	P	D	D	D	24 hr.	O	Outdoor furniture
Polyurethane glues	Liquid	B-	A	B-	D	C	B	P	C	C+	C	4-8 hr.	O	Tight joints
	Hot melt	B	B	B	C	B	B-	P	B	A	D	24 hr.	O	Fast set-up
Two-part epoxy	Fast cure	C	B	A	D	C-	B-	P	C	B	D	30 min.	O	Poorly fitting joints
	Slow cure	C	A	A	D	C-	A	P	C	A	D	60 min.	O	Oily, dense hardwoods
Poly. constr. adhesive	Polyurethane	B	B+	C	C	C	B	P	A	D	D	24 hr.	Y	General-purpose construction
Adhesive sealants	Elastomeric	B	C	B	B	B	D	P	A	D	C	24 hr.	Y	Sealing joints
	100% silicone	C	C	A	D	A	D	P	A-	C	D	24 hr.	Y	Sealing joints
	Polyurethane	C	C	A	C	A	D	P	B	C	D	24 hr.	Y	Sealing joints/paint prep.

1. Includes sandability and assumes water base makes for easier cleanup
 2. P-waterproof, R-water resistant

3. O-optional, Y-yes

A	excellent	C	fair
B	good	D	poor