

Weather Restrictions: Polyurethane Carpenter's Glue (i.e. Gorilla Glue)

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Connect to your favourite weather forecaster and look for the following conditions:

Category: Adhesives Product: Polyurethane carpenter's glue (i.e. Gorilla Glue)

Temperature Limitations: Surface and glue must be above +20 C (+68 F) and below +45 C (+113 F)

Rain Limitations: Must remain dry while curing

Wind Limitations: n/a

Humidity Limitations: High humidity will slow curing

Continuous Conditions: It must remain warm and dry for 24 hours, until fully cured.

Comments: This glue foams on contact with moisture and leaves a dark line - hence rarely used as a furniture or cabinet glue but very strong and weather resistant for outdoor use, even considered to be waterproof not just water resistant. Will not fill gaps -- must use clamps.

Weather limitations on most renovation products can be located on the WEATHER tab above.

APPLICATION / INSTALLATION DETAILS

Polyurethane carpenters glue is quite different from most of the other glues and adhesives -- and unfortunately some companies, like Gorilla Glue, do not identify their products as polyurethane adhesives unless you dig deep into their web sites.

When used properly this glue will provide a very strong totally waterproof joint -- but there are important details to understand.

This is a liquid glue, not a thick gunned adhesive. Although this glue will foam up upon contact with a moist surface and appear to fill a gap, this "foam" has little strength. The only way to get a good joint is by having a tight fitting joint, apply an even coat of glue and then clamp it tightly until it cures to prevent this foaming.

If you need to fill a gap, use polyurethane construction adhesive from a caulking tube.

Any visible glue lines will be dark brown and any dripped glue will stain the wood.

Since clamping is important for this adhesive, here are some clamping tips.

You may also be interested in a discussion on [What is an Outdoor Adhesive?](#)

Keywords:

Adhesive, Glues, Waterproof, Outdoors, Polyurethane, Renovation, Products, Construction, Weather, Wood