

# GLUING NATURALLY DURABLE HARDWOODS

---

When gluing naturally durable hardwoods like Ipe, which are known to be challenging to bond, using specific types of adhesives can be effective in non-structural applications. Marine grade epoxy, polyurethane, PVA type III, and 2-part resorcinol glues have shown some success. Ensure the wood is dry and clean by wiping it with a solvent such as alcohol or acetone to remove surface oils and lapachol powder that could hinder adhesion.

- Possible glue options include,
- Epoxy Types: typically follow the instructions for teak. “WEST SYSTEM” EPOXY- [www.westsystem.com](http://www.westsystem.com) or 866-937-8797 “G-2” EPOXY- [www.indform.com](http://www.indform.com) or 888-277-8053
- Polyurethane Types: similar to “Gorilla Glue.”
- PVA Type III; similar to “Titebond III.”

Given that wood is an organic material with variations from board to board, these differences can impact adhesion. It's important for architects, engineers, and designers to assess how the acclimation process might affect glue connections and the final appearance. Prior to committing to a full application, it's recommended to create and test samples from different boards. Always follow the manufacturer's guidelines when using proprietary products.