

Technical Bulletin - Gluing Iron Woods®

Iron Woods are difficult to glue. Marine grade epoxy and Polyurethane, PVA type III, and 2 part resorcinol glues have been used with some success in non-structural applications.

When gluing Iron Woods the wood should be dry and wiped with a solvent such as alcohol or acetone to remove surface oils and lapachol powders that may interfere with adhesion.

Possible glue options include,

- Epoxy Types: typically follow the instructions for teak
"WEST SYSTEM" EPOXY- www.westsystem.com or 866-937-8797
"G-2" EPOXY- www.indform.com or 888-277-8053
- Polyurethane Types: similar to "Gorilla glue"
- PVA Type III; similar to "Titebond III"

Wood is an organic material, not manufactured, with variations from board to board which may impact adhesion. When gluing Iron Woods, it is incumbent on the architect/engineer/designer to evaluate the potential impact of the acclimation process on glue connections and the appearance of the completed application.

Timber Holdings USA makes no specific recommendations or warranties related to painting or gluing wood products. When using any type of glue we recommend that samples from different boards be made and tested before use in any application. Always consult and follow the manufacturer's recommendations when using proprietary products.