

Gorilla Glue

From the February 2002 Mid-Hudson Modelmasters' Wing Tips, Jesse Aronstein, Editor

(From Home Depot type stores) is billed as "the strongest" wood glue ever, and it may be true. It is tough when cured and it penetrates the pores of the wood. It seems to be ideal for joints involving hardwood or plywood. read the directions carefully, though. At least one surface being joined has to be damp, and the joint should be clamped (or at least pinned) while the glue sets up. That's because of the unique way that the glue works. The glue expands (foams?) in contact with the moisture, and it forces itself into the pores of the wood. This yields an interlocking matrix of glue and wood fiber at the joint - just what you need for a maximum strength. Very little glue is required. It takes a day to develop full strength. I've tested it on motor mount wood (rock hard maple), plywood, and balsa, and it works well on all, providing that you have good wood-to-wood fits.