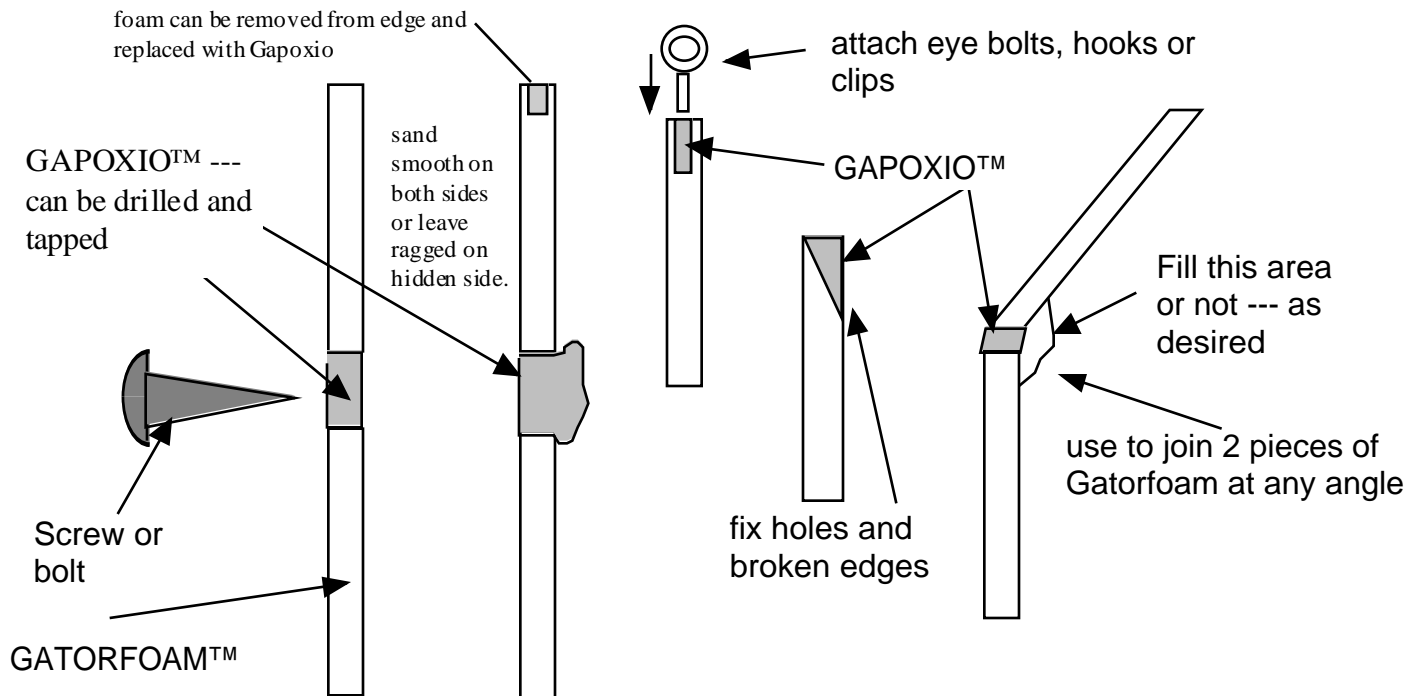


USING GAPOXIO™ WITH GATORFOAM™

... And other thin materials ...



GATORFOAM is essentially a lightweight sandwich of foam between two thin sheets of rigid wood. This sandwich construction has a high strength-to-weight ratio and the material has a great many uses in the construction of displays of various types.

Some difficulty is presented if the user wants to attach things to the Gatorfoam with screws or bolts or attach the Gatorfoam securely to metal or wooden frames and supports. Because the Gatorfoam is thin, it doesn't have the bulk necessary to accept threads or support heavy loads across the thickness of the material.

These problems can often be solved by using our GAPOXIO™ epoxy / ceramic composite which has no equal as an easy-to-use gap filling and construction material. The line drawings shown here show how the two materials are used together.

The GAPOXIO can either be put in place around the SCREWS, BOLTS, HOOKS and such and

allowed to harden in place, or it can be put into place first and allowed to harden completely before being DRILLED AND TAPPED to accept the hardware.

These same techniques can be used with ANY THIN material --- sheet metal assemblies, aluminum construction, hollow doors, tubing, etc..

Gapoxio can also be used to FINISH THE EDGES of the Gatorfoam by routing, cutting or otherwise removing the foam interior along the edges and replacing it with the Gapoxio which can be painted to suit --- or hardwood or metal edges can be nailed or screwed to the Gapoxio edge

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