

Super'Phatic!

THE non-fuming CA alternative. By Rick Godley

Having used CA for some time, I have found a number of weaknesses: it dries hard, difficult to sand, does not allow adjustment and, in my case, the fumes cause an allergic reaction. An alternative was suggested to me – Deluxe Materials Super'Phatic!

I immediately found the major advantages of Super'Phatic! There are no odours or fumes. It is thin and wicks easily into wood making it ideal for laser cut kits. It allows adjustment and is suitable for most materials such as foam, plastic, balsa, ply, hardwood and carbon fibre.



1. I used it to build a Guillows model SE4 laser cut kit. I pinned the plan to a building board, covering it with a plastic sheet.
2. I then pressed out the laser cut parts. These were well cut and dropped out easily.
3. I then dry assembled the wings on the plan, pinned them down and glued all the joints with Super'Phatic!

The needle applicator allows control of the amount of glue and access to crevices without disturbance of the parts. The applicator must be cleaned after use or it will block forever! Place it in a jar of water and just blow it through when next you use it.

I allowed 12 hours for drying, then removed excess dried glue, sanded lightly and was ready for covering.



4. I used tissue, Deluxe Materials' Tissue Paste and water based Eze Dope.

Fitting plastic hinges to foam.

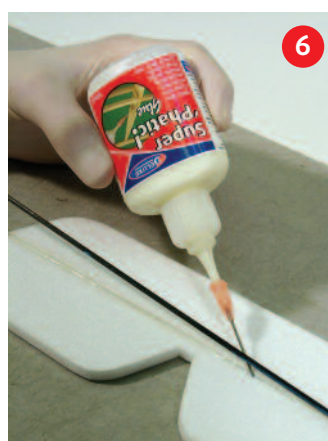
I usually use CA for fitting plastic hinges so I thought I would give Super'Phatic! a try.

5. I made a slot, added a small amount of Super'Phatic! to both sides of the hinge and slid it in place. The glue adhered to the plastic and wicked into the wood.

Super'Phatic! can also be used to fix fibre type hinges, aiding performance with its flexibility.

Bonding carbon fibre to foam

Then I tried fitting carbon fibre strengthening rod to a foam wing with Super'Phatic!



6. I cut the half depth slot for the rod in the foam, ran a bead of Super'Phatic! along it and inserted the rod. I cleaned off excess glue; you can do this with Super'Phatic! without sticking tissue to your fingers or model. I checked positioning, adjusted and left it to dry. A very solid job.