

Gluing foam R/C models



With the growing trend to use low cost Depron and EPP, foam modellers are going to need some sort of adhesive to complete a foam model, and luckily the UK's very own Deluxe Materials has quite a range of glues which is expanding all the time.

Lately we have been using Deluxe's own "Foam 2 Foam" and "Super Phatic", along with "Roket Odourless" Cyano for putting in the control horns, servos, pushrods, and power system.

Foam 2 Foam is a 1 part, thick, reasonably fast drying foam adhesive.



Fig 1.

We use it for joining horizontal and vertical parts on the shock flyers (Fig 1.) joining wings, and bonding carbon fibre to the wing leading edge. What's great about F2F glue is that it allows the model to flex in flight and doesn't become brittle and break.

Fig 2. "Super 'Phatic!" glue is good for bonding large areas such as the wing to fuselage joint, the reinforcement with japanese tissue paper across joints, wood or carbon formers slotted



Fig 2.



Fig 3.

into foam (Fig 3). The foam absorbs the glue well its ultra thin texture sinks into gaps well and dries strong and clear so you can't even see its there. Whats more, it is so thin, like banana milkshake, that it wont add hardly any weight!

Fig 4. Roket Odourless is brilliant for fast repairing and reinforcing those areas such as the nose, and behind the wings on the fuselage.

Fig 5. At the local indoor flying events it can take a while to wait for the glue to go off, hence we use Deluxe Materials "Foam Blaster" a

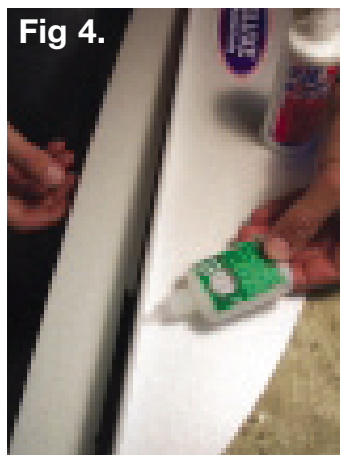


Fig 4.

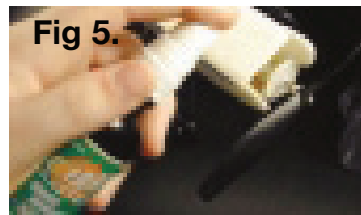


Fig 5.

foam safe blaster which protects the foam surface and speeds up the cure allows the glue to bond before making it set.

My colleague Nick Clement proudly shows the finished model off.

