

Scotch-Weld DP460 Structural Epoxy Adhesive - Advice

This product is designed for industrial assembly and is not quite as user friendly as similar domestic type glues. However, it is used in the same way as Araldite but is considerably stronger, in the test below, the bail broke before the glue failed!



warm
glass

To open the tube, twist the resealable cap anticlockwise and remove. To dispense the glue push the black plunger into the tubes, ensure both components flow freely, if the holes get clogged, un-block them before use. Try to keep the plunger straight as this will allow appropriate amounts of adhesive and hardener to be dispensed and avoid leakage. Wipe excess glue from the nozzle before replacing the cap.

- Dispense glue equal to a level teaspoon full and mix thoroughly for at least two minutes.
- Roughen parts which will be glued and wipe with pure acetone which is can usually be ordered from a chemist.
- Apply glue and hold parts in place with tape, a bulldog clip or blue-tack.
- Glue can be worked for 1 hour.
- When glue is partly set, it can be cleaned up using a sharp edge and a cloth dampened with acetone or alcohol.
- Glue will set in 24 hours and reaches full strength in 7 days.
- Avoid contact with skin and eyes, for skin contact, wash immediately with soap and water.
- If parts are not degreased with pure acetone the bond will be less effective.
- If glue is not dispensed in 2:1 quantities and mixed thoroughly it will be less effective or will not harden.

For full product data and information, contact 3M on 0161 236 8500