

STRIP HEATER

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

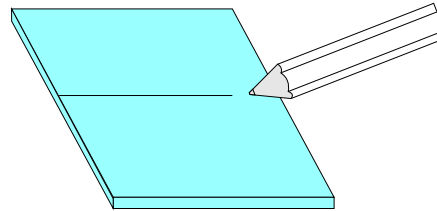
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Using a Strip Heater: Complete the worksheet below by adding the missing drawings and missing text / notes.

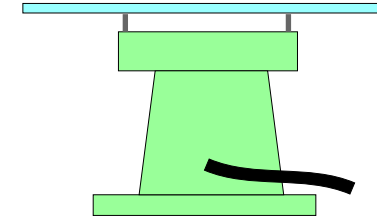
1. EDGES SMOOTHED

Hand files are used to smooth the edges.
Wet and dry paper may also be used.

2. MARKING OUT



3. PLACE PLASTIC ON SUPPORTS



4. HEAT PLASTIC

4.

The strip heater is turned on and the plastic is turned over every 30 seconds - one minute. This stops the heat rising from the element damaging the surface of the plastic.

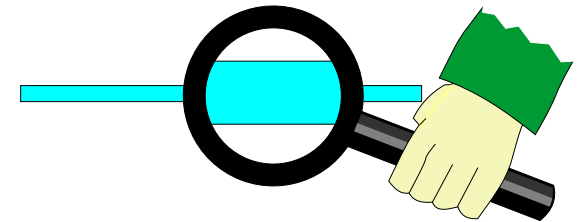
5. USE FORMER/JIG

5.

When the plastic becomes flexible it is placed in a 'jig'. The jig is made to the correct angle, in the example - 90 degrees. A square section block is then pressed against the plastic to hold it in position as it cools.

6. QUALITY CONTROL

6.



NAME

SEQUENCE DRAWING

DATE