

# Press Forming - Mobile Phone Holder Manufacturing Instructions



Male and female formers are manufactured from 18mm MDF



Female former is larger than male former by thickness of casing material



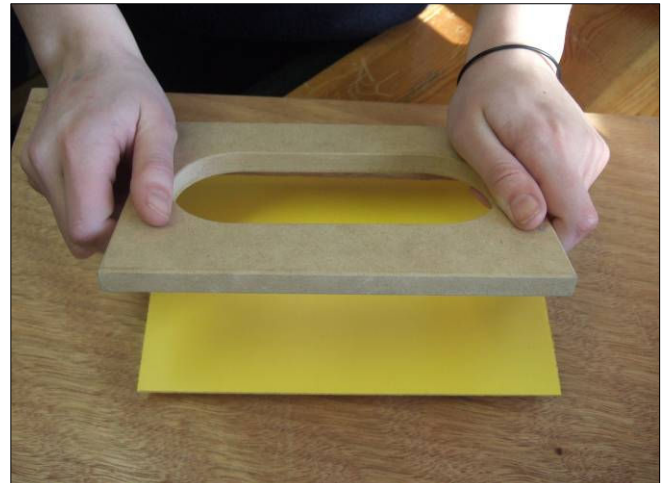
A piece of 120x200x3mm Foamex is placed in pre heated oven



The material is heated for approximately 30 secs. At 140°C



The heated material is draped over the male former



The female former is located over the male former



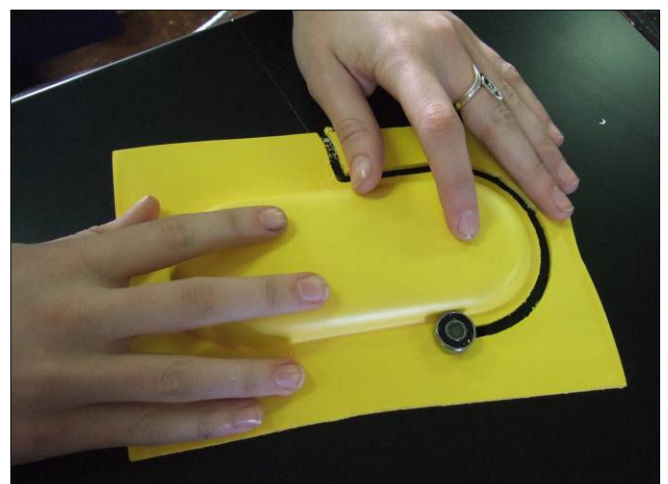
Force is applied to sandwich the two together and held for 2 mins.



The material can then be released from the male former



Using a pencil a line can be marked around 10mm from the case edge

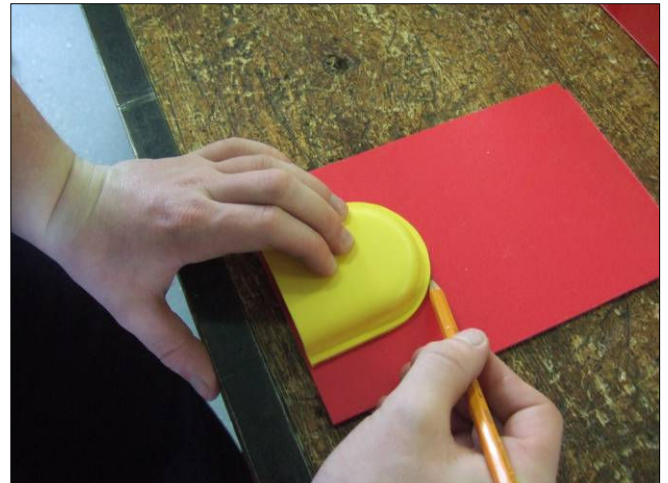


The material can be trimmed using a scroll saw or a gerbil cutter

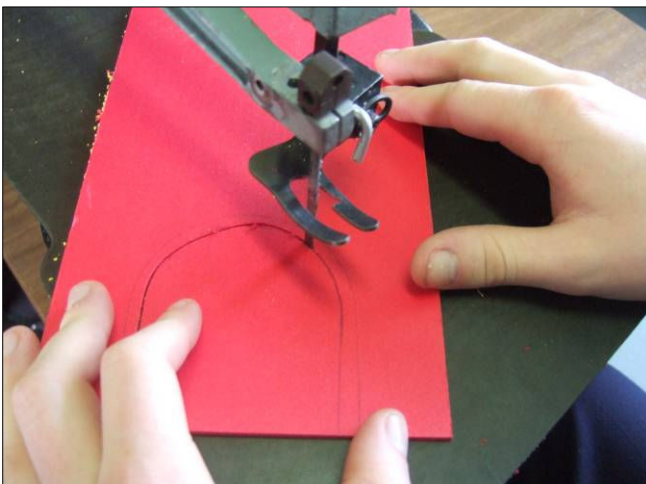




Cut the formed casing in half and draw file to finish



Mark the casing profile on a different colour piece of Foamex



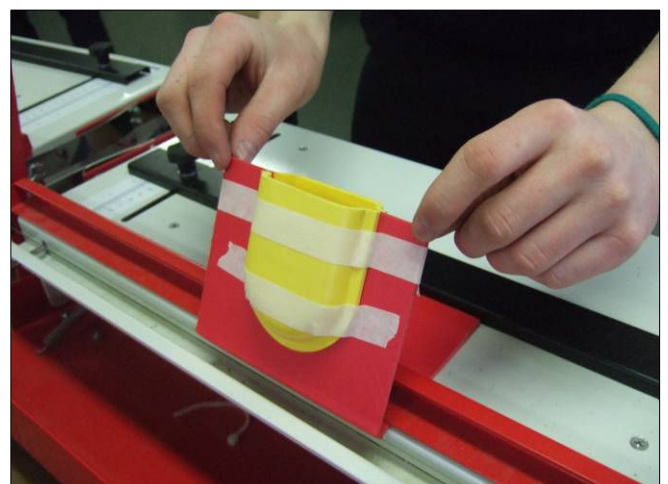
Cut the profile approx. 10mm smaller than the casing



Support both materials in position using masking tape



Affix both materials using tenso solvent/cement or a glue gun



Bend the support bracket using a strip heater



The finished project can be enhanced in order to individualize its appearance



A variety of solutions can be achieved using the Plug and Yoke method of Press Forming