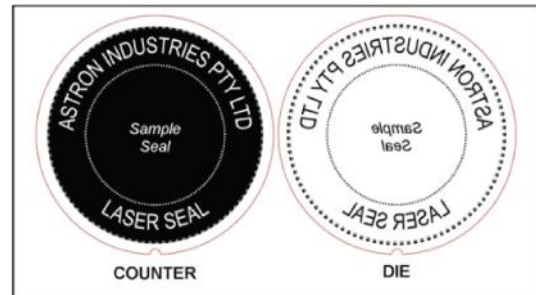


## Laser engraved embossing seals

### EQUIPMENT AND SUPPLIES REQUIRED

Laser Engraver.  
Marstonite Laser Seal material.  
Sandpaper or Emery paper 400 grit or finer.

### PROCEDURE



1. Produce the artwork “right reading” white on a black background. Include the vector cutting path now if your software does not produce this automatically. We strongly recommend creating a small slot in the edge to assist with alignment when the die and counter have been produced. This artwork will produce a “male” counter with the image raised.
2. Mirror the artwork and invert it by reversing the colours. It should now be “wrong reading” and black on a white background. This artwork will produce a “female” die with the image recessed.
3. Add an outline of 0.25mm to the wrong reading artwork. This will allow the paper being embossed to distort without tearing or being cut by the edges of the counter when the die is pressed into it.
4. Engrave the die and counter.
5. Remove the adhesive backing from the counter and press it into position on the lower platen of the die holder being sure that the image is rotated to the correct orientation and is positioned centrally on the plate.
6. Remove the adhesive backing from the die and place it onto the counter making sure that the alignment is correct. When correctly aligned the die will mate with the counter and there will be no gap between the faces.
7. Close the die holder firmly and hold for 5 seconds to ensure that the adhesive has taken.
8. Place a piece of fine sandpaper or emery paper between the die and counter and work the press several times to remove any sharp burrs and edges.
9. Turn the sandpaper or emery over and repeat the process so that both parts have been treated.
10. Test the result on 80gsm photocopy paper. The paper should “emboss” without tearing or cutting. If cutting occurs, repeat steps 9 and 10. If tearing occurs test again slowly; if tearing still occurs the die maybe too deep and you may need to reduce the raster power setting.