

# Enamel on Printed Silver Foil and Art Clay Silver

## <Objective>

- Learn to attach silver foil
- Learn how to use enameling materials

## <Tools and Materials>

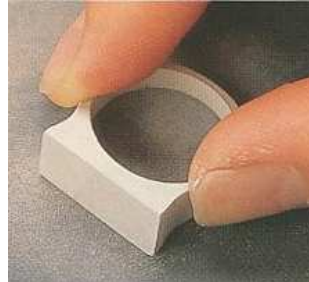
ACS Clay type (9g), Paste type, Stone Bezel (4mm / round-cut), 4mm round-cut stone (white zircon), Enameling powder (Märchen Pink, Cherry Pink and violet – or your favorite colors), Printed Silver Foil (2cm square)



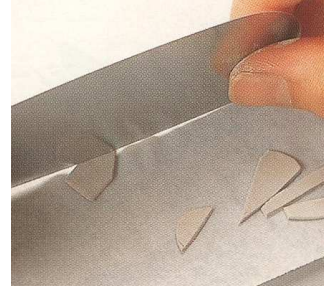
1) Put the clay rope around the wooden mandrel. Make 4 sizes (Japanese ring measurement) larger than the finger size\*.  
\*for size 13 ring.



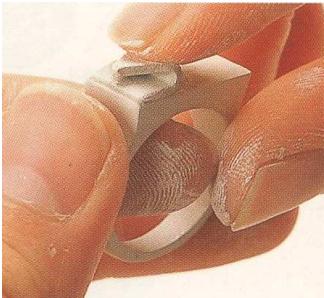
2) Adjust the ring top width to match the top accent piece (refer to the figure-1). Dry completely.



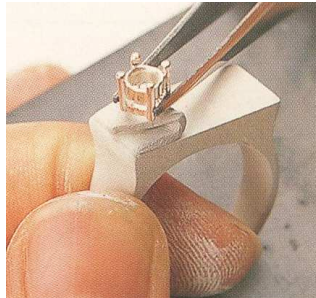
3) Make the ring sides flat with wet & dry sandpaper (#600). Use a sponge sanding pad (red) for the ring hole.



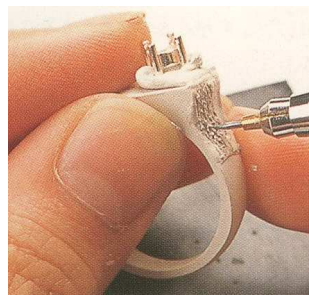
4) Make a 1mm thick sheet and cut out figure-1 shape for the ring top accent.



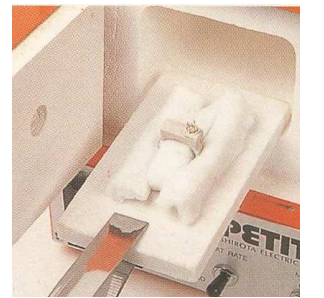
5) Attach the ring top piece on the ring base as shown in the picture. Moisten the bending area when folding.



6) Position the stone bezel while the clay is still soft. Use the paste type to secure if necessary. Dry.



7) Paint the Paste type on the side of the ring and dry half-way with a hot air dryer, and then texture with a needle.



8) Fire the ring at 780°C for five minutes.



9) Mirror-finish the surface (SS brush → W&D sandpaper #600, #1200, 2000 → polishing cloth\*.  
\*Do not use polishing cream.



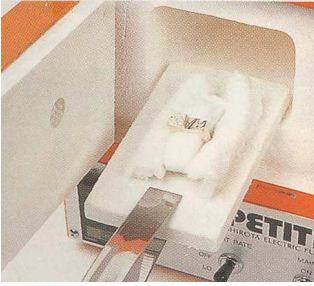
10) Set the kiln temperature at 750°C. Cut the silver foil to fit the flat ring top area. Put the piece in the kiln.



11) When the kiln reaches 750°C again, take out the piece and press the foiled area with a spatula. Cool the piece and put enameling powders on the foiled area.



12) Use a tissue paper to take out overfilled moisture from the enameling powder. Set the kiln temperature at 800°C.



13) Set the ring on the fiber board as shown and put it into the kiln. Take out the piece about 10 seconds after the kiln temperature reaches at 800°C again.



14) Cool the piece and set the stone into the bezel. Polish the piece with a polishing cloth to complete.



Arranged Sample



figure-1



ACS Exclusive Silver Foil

Alphabet letters printed on a pure silver foil. The letters will appear through the transparent enameling.