



Reversible Enamel Pendant

This reversible pendant can be a simple silver accent or a bright statement piece.

Supplies

The Basics

Teflon sheet
Clay Roller/Slats
Badger Balm
Water and Brush
Scalpel
Ruler

Clay

PMC3 Clay
(Our necklace weighs
15g. with enamel)

PMC3 Paste

Other Tools

“Crackle” Texture Mat
(SM2-CRK)

Enamel Set (MCE-KIT)
Quick Sil (RTVMOLD)
Tissue slicing Blade (SB)
Alcohol
Distilled Water

Finishing

Brass End Brush (BBEND)
Tumbler/Shot
2” x2” Ultra Polishing Pad (ULTPOLPAD)
Small piece of 16 gauge fine silver wire
Agate Burnisher (BTSTONE2)
Fine Tip Steel Burnisher (BTF)

Seven Strand Sterling Silver Necklace (7STRND)

Step-by-Step



1) Lightly coat surface of roller, hands, and texture mat with Badger Balm. Condition a piece of clay by gently kneading and compressing into a smooth ball. Place the ball on the mat and roll out to a depth of two slats (six cards). Make sure to roll evenly.

2) Using the Tissue Slicing Blade, cut out a rectangle, approximately $1\frac{3}{4}$ by $\frac{7}{8}$ ” or to the desired size. Pat the edges gently with a card or slat to smooth and compress the edges. Let dry for some time before moving, so that it will retain its shape. When the clay is dry enough to move, carefully slide a playing card underneath it and move to a dehydrator or warm place to dry.





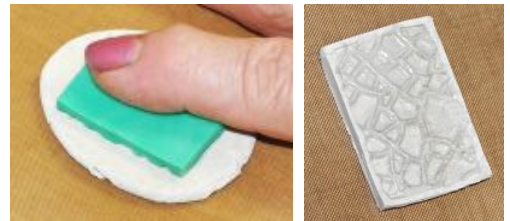
3) Coat the “crackle” texture mat with Badger Balm in the area you wish to use for the back of the necklace. Mix enough two-part mold compound (RTVMOLD) to cover this space and press onto the mat. Let set and cure.

4) Roll out a new piece of clay two slats (six cards) thick. Brush on some PMC Paste and attach the dry “crackled “ piece to the smooth clay. Let set a few minutes. With your tissue slicing blade, cut around the original rectangle leaving an eighth to a quarter inch edge. Leave this piece to dry.



5) With your Tissue Slicing Blade, cut a piece from the mold you made that is the same size as the first rectangle you cut (in our case 1 ¼ by 7/8”). This will be used later to form the negative side of the necklace which will be enameled.

6) Roll out a piece of clay to three slats thickness (nine cards). Lay the RTV mold you completed in Step 5, pattern side down, on the clay and press or roll. Be sure the sides go down into the clay. Remove the mold from the clay and cut around this piece with your tissue slicing blade leaving a 3/8” border which has no pattern in it. This will form a lip which will keep the enamel from running off the piece when it is hot. Let this piece dry.



7) Bend 16 gauge fine silver wire into a figure 8 shape of an appropriate size for your clasp.

8) Brush the back side of the front of the necklace with water and cover with PMC3 Paste. Center the wire loop at the top of the necklace. Next, press on the back of the necklace, pattern side up. Press down evenly to secure the joint. When the piece is firm enough to be handled, check to see

if any lines show where the pieces were joined. You can wet the edges and fill with paste. Make sure the area around the bail is completely filled in.

9) When the piece is dry, sand the edges smooth, clean, and fire, using manufacturer’s directions for the type of clay you are using.

10) After firing, brush with a brass or steel brush. Our new Brass End Brush is very good for this as is it gets into the finer areas. Tumble for at least a couple of hours and then burnish with an Agate Burnisher or the Fine Tip Steel

Burnisher, which can get into the corners easily . The longer time in the tumbler and more diligent burnishing create a better surface for the enameling.

11) Read directions found in your enameling kit, completely before use.

12) Clean the surface of the silver with alcohol and let dry fully. Be careful not to touch the cleaned area before enameling.

13) We used the “Wet Pack Method” for this item.



14) Use the tiny scoop which is included in your Enamel Kit to measure out a small amount of enamel powder. We used #2660 Nitric and #2230 Lime for our piece. Mix a drop or two of distilled water and a drop or two of Klyr-Fire into the enamel.

15) Using a stiff brush, pack the enamel mixture into the desired space on your pendant. Do not brush it on. You may want to use the wire spreader, which is included in your enamel kit to help apply the enamel. You can clean-up or refine the area with a clean wet brush (wiped clean of excess water).



16) Let the enamel dry completely before firing. After it is dry, you can still clean up or refine the edges with a brush.

17) Firing temperature is about 1450 degrees for silver. Put the enameled piece on a piece of mesh and set into the preheated kiln. As soon as a glossy finish appears (usually two to four minutes) remove from the kiln and place on a heat proof surface. Let cool.

18) You can reapply the enamel and re-fire if desired.

19) You will need to burnish and tumble the piece again for a nice finish. Finish with 2”x2” Ultra Polish Pads for high shine.

20) Complete with our new Seven Strand Sterling Silver necklace.