

1313-2

Mark Nelson offers a different twist on technology with new firing techniques for embeddable.

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Guest:



Mark Nelson

Fusing Metal Clay

Attach eyelets and bails into your metal clay designs so they fire and fuse all as one.



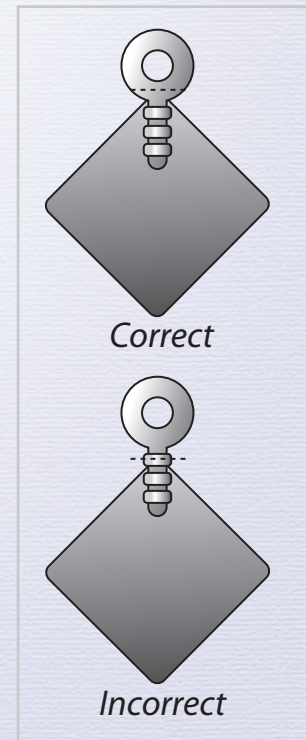
steps:

Making the bracelet pieces

1. Apply a small amount of Slik balm to your work surface, rolling pin and hands.
2. With the Cool Roller from the tool kit, roll out the PMC3™ using the thickness guide (6-cards thick).
3. Rub a small amount of Slik balm on the surface of the "Kyra" (large-size) stamp.
4. Place the stamp onto the rolled clay and gently press it into the surface to leave an impression of the design. Use the polyblade from the tool kit to cut away any excess clay.
5. Place the stamped clay over the round edge of a coffee cup or other cylinder and allow it to dry completely.
6. Repeat steps 1–5, making two pieces with the "Delos" (medium-size) stamp and two pieces with the "Mersini" (small-size) stamp.
7. Once all the pieces are dry, smooth the edges using the 400-grit file from the handi-file set.

Adding the Embeddables™ eyelets

1. Use the blending tool from the tool kit to add a drop of slip to one corner of the back of the dried piece.
2. Lightly press the stem on the eyelet into the slip; make sure it's aligned with the corner and set so that the stem is not visible from the front.
3. Using the Cool Roller, roll a piece of clay 3-cards thick. With the polyblade, cut a triangle that is about 10mm long on each side.
4. Lay the triangle of clay over the eyelet stem and gently press it into place. Use the paint brush to brush a small amount of water around the edges of the triangle to ensure a good bond and to remove any excess slip.
5. Repeat step 4 on the opposite corner of the square.
6. Set the piece on the warming plate and allow it to dry.
7. If necessary, sand the triangle edges and corners with the 400-grit file.
8. Repeat steps 1–7 with the remaining squares.



Fusing Metal Clay

steps (continued)

Firing

1. Place the squares on a bed of alumina hydrate so the curved shape of the squares is supported during firing.
2. Fire at 1650°F for 10 minutes.
3. Polish and oxidize as desired.

Assembling

1. Link the finished squares together with 3.5mm jump rings.
2. Add the clasp and one 4mm jump ring to one end of the bracelet and the second 4mm jump ring to the opposite end.

supplies:

Order #	Description
687-013	Sterling Embeddables™ eyelet, 2.5mm
687-015	Sterling Embeddables™ eyelet, 3.5mm
693-711	Sterling S-hook clasp
693-611	Sterling jump ring, 3.5mm
693-613	Sterling jump ring, 4mm
100-771	PMC3™ silver clay, 25g
111-411	Rio PMC® tool kit
111-567	Rio PMC® work surface
111-458	Slik balm
111-448	Cool Slip spray
111-569	Graduated thickness guides
337-205	Micro-Mesh™ handi-file set
700-278	Stainless steel carving tool set
100-960	PMC® alumina hydrate
111-856	"Aegean" Dynasty stamp master set
111-851	"Mersini" Dynasty stamp sheet
111-843	"Delos" Dynasty stamp sheet
111-844	"Kyra" Dynasty stamp sheet



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