

1307-3

Candace Gates demonstrates texturing metal clay with sea life stamps using products from Rio Grande.

[Click here to watch the video for this project.](#)

For more information visit:



Products. Service. Know-how.
Sharing your passion for making jewelry.

www.riogrande.com

Please continue to page 2 for project instructions.

Guest:



Candace Gates

Metal Clay Bypass Ring Using Dynasty Stamps

Create a textured PMC3™ bypass ring using Dynasty Stamps.

steps:

Prepare the clay for texturing

1. Apply Slik™ balm sparingly to your hands and to the roller to avoid sticking to the clay.
2. Form the PMC3™ into a snake shape and place it on the silicone work mat.
3. Select thickness guides (about five cards thick, or six for a thicker ring) on each side of the PMC3 with about 1" of space on each side.
4. Roll the clay into a strip about 1-1/2" wide, making sure that you keep an even thickness.
5. Spray Cool Slip™ on the Dynasty texture sheet, making sure to use the portion that is the correct size.

Add the texture

6. Remove the clay from the silicone mat and place it on top of the texture sheet, covering the entire area that you need to stamp.
7. Push the clay into the stamp's texture and make sure the entire clay is deeply and evenly impressed. **TIP:** Gently lift one end of the clay off the stamp to see how deeply the texture has impressed onto the clay. This way, you will not have to realign the clay to the stamp if you need to re-impress.
8. Remove the clay from the stamp and place it flat side down on the silicone mat.
9. Gently cut the textured area from the surrounding clay with the craft knife. Sometimes the craft knife works best if it has a little bit of Slik™ applied to it. Remove the excess clay, lightly spray it with water, roll it into a ball, and return it to the package.

Form the ring

10. Wrap a non-stick Teflon® strip or ceramic tape around the ring-forming blank or mandrel and tape it down with smooth non-transparent tape (choose a stopper about two sizes larger than the target size of your finished ring to allow for shrinkage).
11. Wrap the clay ring around the prepared ring forming blank, making sure that the ends do not touch one another.
12. Gently place the clay ring on the hot plate to dry, or simply allow it to air dry for 24 hours.



Metal Clay Bypass Ring Using Dynasty Stamps

steps (continued)

Form the ring (continued)

13. Once the ring is completely dry, slide the non-stick strip and the dry clay ring off of the forming blank.
14. Using a wet-wipe, rub the edges of the ring to round them slightly. Fill in any cracks or dings with clay and blend the repair using a silicone-tipped brush and a small amount of distilled water. Allow the ring to again dry completely.

Firing the ring

15. Place the ring on the center of the Solderite™ torch-firing pad. Set a ring blank (this blank should be the final size of the ring) inside the ring. **TIP:** Working in a low-light area will make it easier to judge the progress of the firing.
16. Torch-fire the ring by first gently firing around the ring. This brings the ring, the blank and the firing pad evenly to the same temperature. If necessary, use a tweezer to roll the ring and blank over, accessing all sides of the ring. Once you have burned the binder away, the ring will appear more white and will move substantially; this is normal, just continue to fire using a gentle circular action on the ring.
17. Watch for a dull orange glow to appear. When the glow becomes a brighter orange in color, time the firing for three minutes.
18. After three minutes, concentrate the torch on the middle back part of the ring shank until you see a very low sheen (just before the melting point). This will make the finished ring stronger.
19. Gently press the ring around the ring mandrel at the desired size marking to size the ring.

Optional finishing

Cool the ring and gently burnish it with a brass brush, soap and water. If desired, use a tumbler to polish the ring further. Patina the piece with liver of sulfur or add gold accents using a Midas™ plating pen and Quick Deposit 24K gold plating solution.

supplies:

Order #	Description
100-771	PMC3™, 25g
111-458	Slik balm
111-426	Acrylic roller (or PVC roller)
111-565	Silicone work mat
111-569	Color-quick thickness guide set
111-492	Dynasty™ Scroll bypass ring texture sheet
111-448	Cool Slip spray
111-384	Soft grip cutting knife
111-380	Ring-forming blanks or ring mandrel
111-407	Silicone-tip shaping brush set
500-230	Blazer butane torch
500-181	Blazer butane fuel
502-007	Rotating soldering table
502-063	Solderite™ pad
202-209	Dura-Bull™ rotary tumbler (optional)
335-165	MIDAS® 24KY Gold Quick deposit pen-plating solution (optional)
201-051	Safety glasses
115-074	Tweezer, insulated/locking
—	Playing cards
—	Spray bottle (fine mist type)
—	Distilled water



Products. Service. Know-how.
Sharing your passion for making jewelry.

800.545.6566 riogrande.com