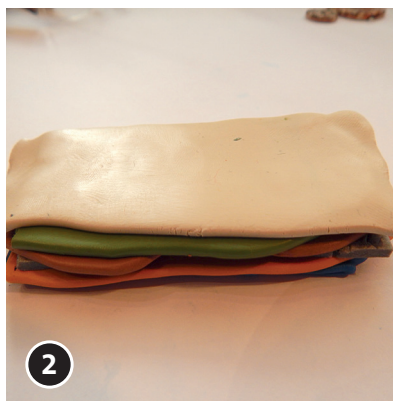


Mokume Gane Technique



Used Material	Article No.	Qty
Metal pendant oval, approx. 22 x 30 mm, silver coloured, 2 pieces	470773	1
Metal pendant round, approx. ø 38 mm, silver	474294	1
Metal ring oval, with jewellery boiler, adjustable in size, approx. 20 x 25 mm, silver	486433	1
Metal ring round, with jewellery boiler, adjustable in size, approx. ø 24 mm, silver	474319	1
Metal ring with plate, adjustable in size, approx. ø 17 mm, plate: approx. 16 mm, platinum colour, 4 pieces	575509	1
Premo modelling clay 57 g, silver	419959	2
Premo modelling clay 57g, pearly-green	419812	2
FIMO® soft modelling clay 57 g, sahara	427149	2
FIMO® soft modelling clay 57 g, chocolate	495364	2
FIMO® soft modelling clay 57 g, white	495700	2
FIMO® soft modelling clay 57 g, brilliant blue	495962	2
FIMO® soft modelling clay 57 g, cognac	495375	2
FIMO® soft modelling clay 57 g, caramel	495331	2
FIMO® soft modelling clay 57 g, pacific blue	495744	2
FIMO® effect modelling 57g, aqua	408510	2
Sculpey® design stamp, about 83 x 30 x 10 mm, set of 4	442730	1
Sculpey® hollow beads shaper, 1 metal mould (about 210 x 118 x 10 mm), beads measurements: ø 20 - 45 mm, 1 piece	442590	1
Headpins, approx.. 45 mm long, 100 pieces, platinum colour	548012	1
Jewellery chain, approx. 500 x 12 mm, platinum colour	575532	1
Spacer rings, approx. ø 6 mm, 20 pieces, platinum colour	583803	1
Curb chain, approx. ø 4 mm and 1 m long, platinum-coloured	722515	2
Curb chain, approx. ø 6 mm, 1 m long, platinum-coloured	722526	2
Satin cord, approx. ø 2 mm, 6 m / roll, light blue	567227	1
Satin cord, approx. ø 2 mm, 6 m / roll, cream (alternatively)	567205	1
Satin cord, approx. ø 2 mm, 6 m / roll, light grey (alternatively)	559093	1
Satin cord, approx. ø 2 mm, 6 m / roll, turquoise (alternatively)	558606	1
Recommended Tools/Material		
Sculpting roller, approx. ø 25 mm x 200 mm	807196	1
Staedtler kneading machine for modelling, approx. 270 x 265 x 167 mm, roll width 175 mm	438197	1
FIMO® Cutter set, approx. 110 - 150 x 20 mm, set of 4	527333	1
Cutter set ring, approx. ø 29-112 mm, 30 mm high, with metal box, set of 14	541375	1
Cutter set, approx.. 7 - 40 mm, 18 mm high, set of 42	474892	1
Craft adhesive 80ml universal, transparent	539697	1
Needed Tools		
Pad (thick paper, wax paper), tape (or ruler), modelling roller, kneading machine, FIMO® cutter set, round cutter, sharp knife, Sculpey® design stamp, bowl of water, Sculpey® hollow beads shaper, kitchen roll, side cutters, round nose pliers, flat nose pliers (without Bat), scissors		

Modelling a hollow pearl



Anleitung

1. Take a modelling paste. Separate a part of it and knead it hand warm.
Roll the particular mass out to a approx. 2mm strong plate.
Cut the coloured plate to a size of approx. 10 x 5 cm. Take 3-5 other modelling pastes and do the same.

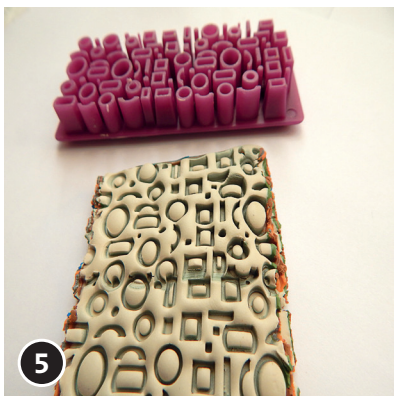
2. Lay the plates on top of each other and press them together. (Bundle)

3. Spin the bundle through the biggest adjustment of the kneading machine. (the bundle gets longer).
Separate the stripe in equal pieces and lay them on each other again. (arising thickness approx. 12 mm)

4. Dip the desired Sculpey® Design-Stamp into water.
Press the stamp on the hole stripe for a number of times.

5. Be careful don't press to strong, so that one complete layer (includes all colours) keeps unaffected.

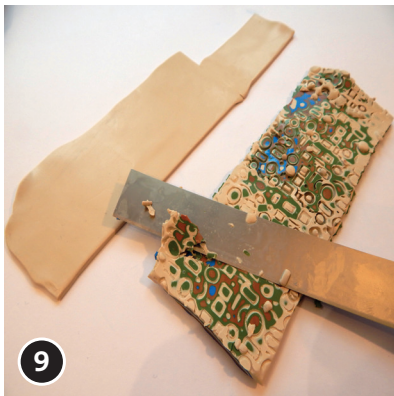
6. You peel a filmy layer of the modelling mass with the movable FIMO® Cutter-Knife. Now you see the arising pattern.





7. Roll out a modeling plate (thickness approx. 2mm), which you use as base. Therefore you can take modelling deposits or a new one coloured modelling paste.

8. Moreover lay the thin, patterned layers on top of the modelling plate.



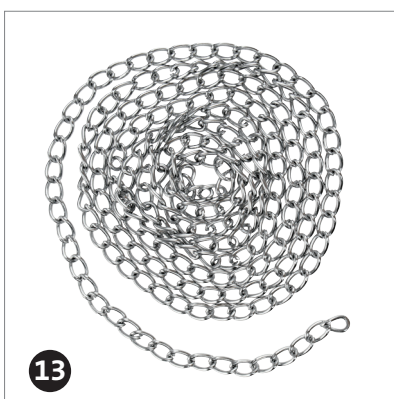
9. Now separate filmy layers again and again and lay them on the plate. In the end your plate should be occupied completely with patterned layers.

10. Press the films together with the modelling roller. Put the occupied plate in the kneading machine (biggest adjustment) and roll it out.



11. Take the Sculpey® hollow beads former. Separate two equal circles in favoured pearl size with the round cutter from the patterned plate. Lay down the circles on a suitable bulge of the pearl former. Harden the circles in the baking oven by 110° degrees for 30 minutes. Cool the curved discs down.

12. Lay a chain pin between both bowls. Fix both bowls (with chain pin) at the outer edge with glue, to create a hollow pearl.



13. Thread the desired chain or cord through the loop of the chain pin..

14. The chain get closed with a middle part and the cord ends get knotted.

Modelling rings and pendants



If you want to model rings or pendants, harden the modeled Mokume Gane circle (other shapes are possible) in the baking oven and connect the ring with the hardened circle. If you want to thread a cord into your pendant, you will thrill a small hole in the modeled shape before baking.



If you want to design an individual ring or a pendant by ornating the small bowl, you will cut out the favoured shape of the modelling paste on basis of the opening. To thread a cord or a chain through your pendant, thrill a small hole in it before hardening. Now bake the shapes and press them into the bowls.

Have Fun!
Your Opitec Creative Team