

Fused Glass Fossils

Art Glass Supplies
Create Inspire Fuse

Create a natural looking conglomerate stone bowl complete with fossils!

Begin by treating the molds with a Boron Nitride spray. Be sure to angle the mold while applying the spray to coat the various angles and textures of the mold. Weigh the frit casting mold empty to be able to know how much frit is being placed in each cavity.

Materials Required:
-LF140 Frit Cast Fossils
-GM110 8 x 10
-Patty Gray Dam
GM132 13.5" Sq XL
Sushi Slump
-Zyp Boron Nitride Spray,
-All glass is System 96. Frit: F1 Black, F2 Med. Amber, F2 Chestnut Opal, F2 Pale Blue, F2 Vanilla Cream, F3 Lime, F3 Medium Amber, F3 Vanilla Cream. Sheet glass: 8"x10" Vanilla Cream
Three 1" kiln posts.
Minimum kiln chamber size 18" round or 14" square. Powder sifter.
-Etching Cream

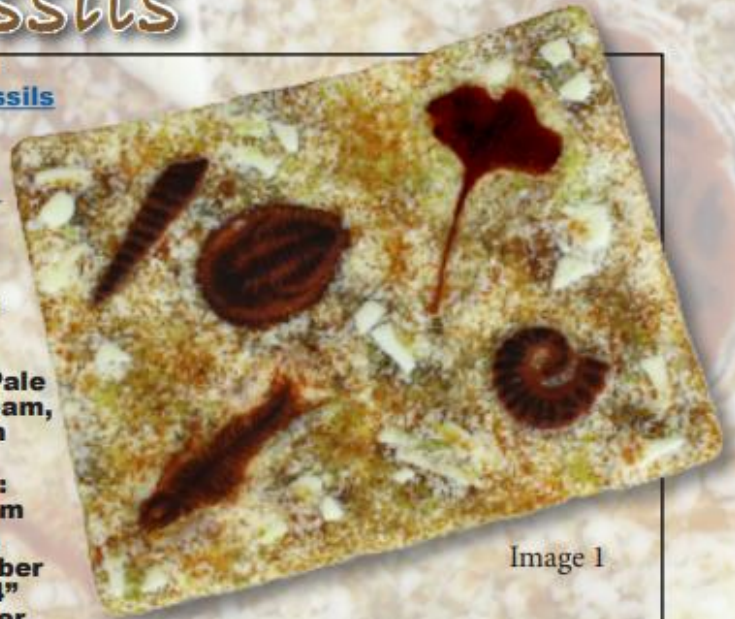


Image 1



Sift f1 (powdered) Black frit into the fossil cavities sweep the frit into the fine details with a finger. Take care not to lift the glass separator with your finger.



Add a f2 (fine) frit on top of the Black powdered frit and here and there in the bottom of the fossil cavities.



Place f2 Chestnut opal frit into the fossil portion of the cavities, take care to sweep the Chestnut out of the areas surrounding the fish and ginkgo fossil cavities. An ear wax vacuum can be very helpful. Sprinkle a bit of F2 Pale Blue into the area around the ginkgo and fish.



Place a mixture of f2 Vanilla Cream and f3 (medium grain) Lime Green and Medium Amber into the cavities to cover the Chestnut.



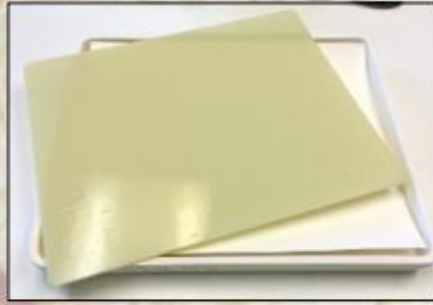
Add f3 Vanilla Cream until the following fossil cavities numbered above hold the following total weights of frit:
 #1 = 20 g, #2 = 10 g, #3 = 16 g,
 #4 = 26 G, #5 = 19 g.



Place the filled fossil mold in a kiln and fire using this firing schedule:
 Rate 1 = 350, Temp 1 = 1390 (F), Hold 1 = 05 min, Rate 2 = 9999, Temp 2 = 950 (F), Hold 2 = 60 min. The glass will look textural as shown above upon firing.



Fused Fossils



Place a 8" x 10" piece of kiln shelf paper in the GM110 dam mold that has been treated with Zyp spray. Place a piece of 8" x 10" Vanilla Cream on top of the shelf paper in the mold (nip the corners of the Vanilla Cream to avoid scratching the Zyp on the mold). Arrange the fused fossil pieces onto the Vanilla Cream to suit your own artistic preferences.



Add f3 Vanilla Cream frit around the fossil pieces. Sprinkle a bit of Ff2 Pale Blue onto the Vanilla Cream in random areas.



Begin adding f2 and f3 Medium Amber and f3 Lime Green to the frit surrounding the fossils until the frit surrounding the fossils matches the fused frit colors around the ginkgo and fish fossils. Nip small pieces of Vanilla Cream sheet glass and add them here and there into the frit.



Use a soft brush to remove frit that may have strayed into the fossil areas. Fire the glass in the dam using the firing schedule found in Table 1.



Remove the fused glass from the kiln and place the glass on a suitable slump mold such as the 13.5" square XL Sushi Slump. Fire in a kiln using the firing schedule found in Table 2.



The slumped glass piece will have a gloss finish. To remove the gloss and create a natural looking matte finish (as shown in Image 1 on the previous page), apply an etching cream following the directions given by the manufacturer of the etching cream.

Table 1*

Segment	Rate	Temp	Hold
1	275	1215	45
2	50	1250	30
3	350	1425	05
4	9999	960	90
5	100	500	5

*Please Click here before firing.

Table 2*

Segment	Rate	Temp	Hold
1	250	1215	45
2	50	1250	10
5	9999	960	90
6	100	500	5

*Please Click here before firing.