

Fall Leaf Tray

Materials:

- 80520 Leaves & Acorn Mold
- 80731 Handle Tray Mold
- Suitable Glass Separator (ZYP Recommended)
- COE96 Glass (Below)
- Frit Placement Tools
- Glass Cutting Tools
- Kiln Shelf Paper

Suggested Glass:

- | | | |
|----------------------|-------------------------|-----------------------|
| - Sheet Glass: | - Powder Frits (con't): | - Fine Frits (con't): |
| - Vanilla Cream Opal | - Black | - Sea Green Trans. |
| - Medium Amber Tr. | - Chestnut Opal | - Khaki Opal |
| - Powder Frits: | - Fine Frits: | - Other: |
| - Flame Opal | - Olive Green Opal | - Vitrograph Bits or |
| - Sunflower Opal | - Amazon Green Opal | Pre-Made Stringers |
| - Orange Opal | - Pastel Green Opal | |

Example 1:

Treat all molds well with suitable glass separator before beginning. We recommend spray-on ZYP.

Always wear a mask when applying spray-on separator or using powder frits.

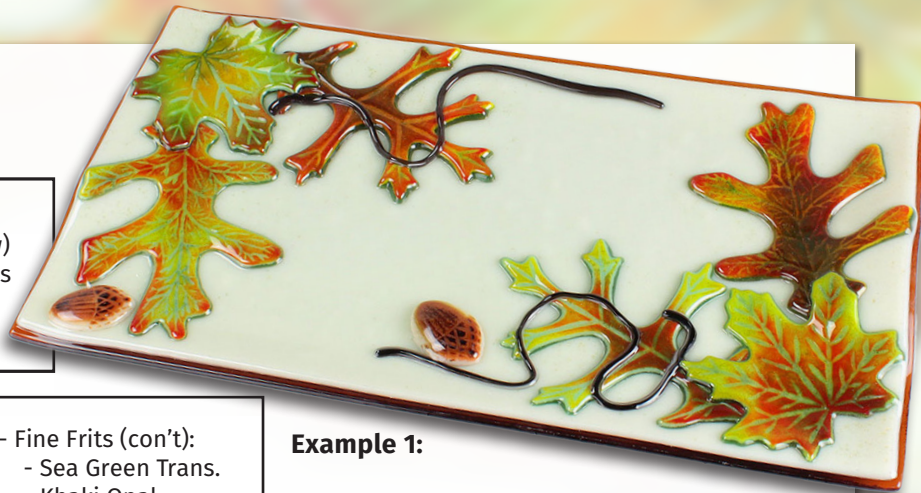


Image 1:



Start by adding Powder Flame Opal into the bases of the leaves and along the leaf veins.

Image 2:



Place Powder Orange Opal over the Flame and further outwards into the bodies of the leaves.

Image 3:



Add Powder Sunflower Opal over the Orange and even further out into the leaf bodies.

Image 4:



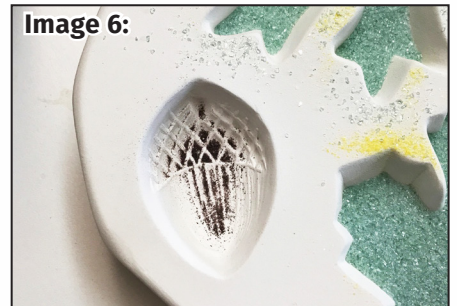
Place patches of Fine Olive Green in a couple of the leaves.

Image 5:



Back each leaf with Fine Pastel or Amazon Green until each is 1/4" full, or about 28g of frit per leaf.

Image 6:



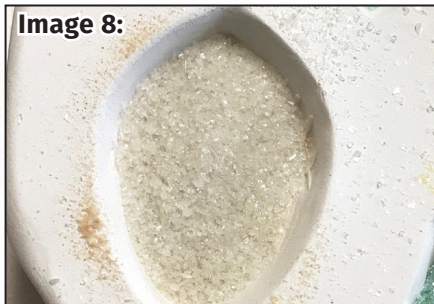
Add a bit of Powder Black into the low areas of the acorn.

Image 7:



Back the Black with a thin layer of Powder Chestnut.

Image 8:



Fill the acorn with Fine Khaki until it's about 1/4" full, or around 9g.

Image 9:



Fire using the schedule in **Table 1** on **Page 2** or your own preferred full fuse schedule.

Making and Assembling the Tray:

Image 10:



Repeat the steps on **Page 1**, using the mold twice to create two sets of leaves and acorns.

Image 11:



Cut a 6.75" x 12.75" piece of Vanilla Cream and a 7" x 13" piece of Medium Amber. Center the Amber on the treated 80731 then center the Vanilla Cream on top.

Image 12:



Transfer the project to a level shelf in the kiln and arrange the leaves and acorns onto the Vanilla Cream as desired. For additional decoration, pre-made vitroglyph pieces or stringers can be added. Since Vanilla Cream is reactive, sprinkles of copper-bearing frits such as Deep Aqua can also be sprinkled around for additional visual interest (See **NOTES** below for more information).

Once everything is in place, fire using the suggested schedule in **Table 2**, adjusted as needed for your kiln, to simultaneously tack fire and slump.

Table 1: Tack Fire *

Seg.	Rate	Temp (°F)	Hold
1	300	1200	25
2	400	1390	10
3	9999	950**	60

*Before firing, it's important to know your kiln to see if you need to adjust suggested schedules.

Table 2: One-and-Done *

Seg.	Rate	Temp (°F)	Hold
1	300	500	20
2	300	1150	45
3	150	1340	20
4	400	1390	10
5	9999	950**	90

**If using COE90, adjust these temperatures to 900°F

Example 2:



Example 2 was made exactly as **Example 1** but with additional sprinkles of Fine Deep Aqua and Sea Green frits around the leaves.

NOTES:

Vanilla Cream reacts with any color that contains copper. Sea Green and Pastel Green were used to back the leaves as both contain small amounts of copper that will react slightly wherever they contact Vanilla Cream.

Colors with higher concentrations of copper, such as Deep Aqua (see **Example 2**), will react even more with Vanilla Cream, so sprinkling a small amount around the leaves can add some visual interest.

All glass used here was COE96.

Vitroglyph pieces (**Examples 1 & 2**) can add extra flair. However, vitroglyph does require a vitroglyph kiln, so if one is unavailable or you're simply not comfortable using it, pre-made stringers can be manipulated and bent in similar ways by heating them gently over a candle flame. Just make sure to wear proper protection on your hands as you do!