Grapes and Vines

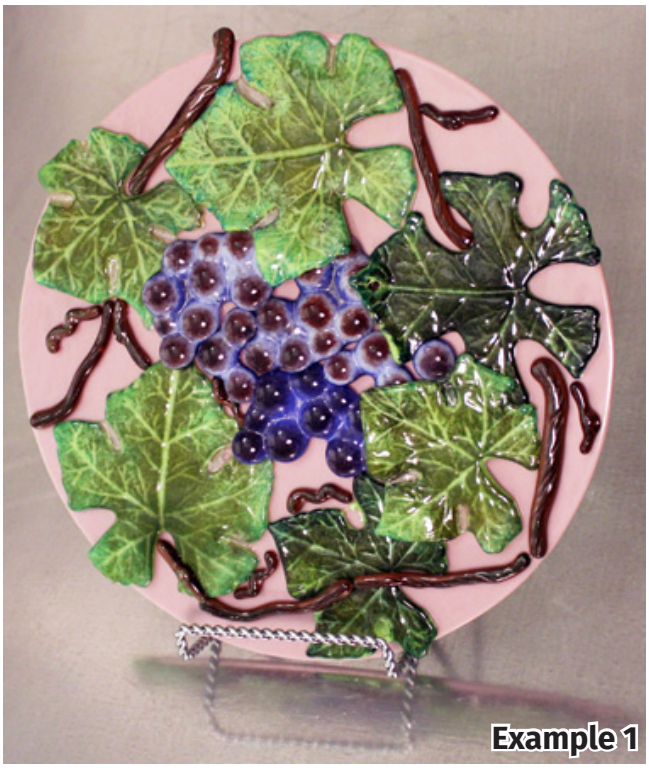
Creative Paradise Inc.

Please Note: This tutorial is for making and using the **LF117 Grapes and Vines**. For more on using the LF116 Grape Leaves shown in the example, check out the Vineyard Tray tutorial by clicking here.

Materials:
- LF117 Grapes and Vines
- COE96 Frits (See Right)
- Suitable Glass Separator/ZYP
- Frit Placement Tools

Suggested Glass:
- F1 Powder Frits:
  - Cobalt Blue
  - Medium Amber
  - Deep Aqua
- F2 Fine Frits:
  - Red Opal
  - Medium Blue
  - Almond Opal
  - Pastel Green
  - Medium Amber
- F3 Medium Frits:
  - Cobalt Trans.
  - Citron
  - Terra Cotta

Begin by thoroughly treating the mold with suitable glass separator. We recommend spray-on ZYP. Remember to always wear a mask when applying spray-on separator or using powder frits.


Example 1

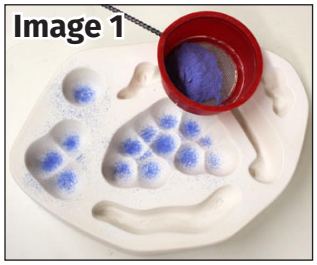


Image 1

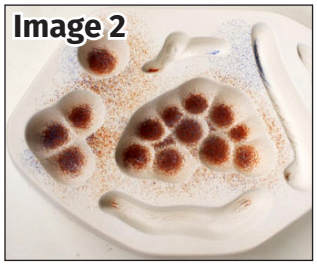


Image 2

Image 3

Image 4

For Purple Grapes:

Start by adding a small amount of F1 Cobalt Blue into the low area in the center of each grape (**Image 1**). Sprinkle a bit of F2 Red Opal over the Cobalt Blue (**Image 2**). Add a layer of F2 Medium Blue to cover the bottoms of the grape cavities and fill the voids between grapes (**Image 3**). Fill the cavities with F3 Cobalt Translucent until full (**Image 4**). If using fill weights, this is about 50 grams of frit total.

For Green Grapes:

Start by adding a bit of F1 Medium Amber into the low area in the center of each grape (**Image 5**). Sprinkle a bit of F2 Almond Opal over the Medium Amber (**Image 6**). Add a layer of F2 Pastel Green until the bottom of the grape cavities are filled (**Image 7**). Fill with F3 Citron until full (**Image 8**). If using fill weights, this is approximately 50 grams of frit.

Image 5

Image 6

Image 7

Image 8

Featured Mold:

LF117 Grapes and Vines
Mold: 7.5” L x 5” W
Castings: 3” - 1” L

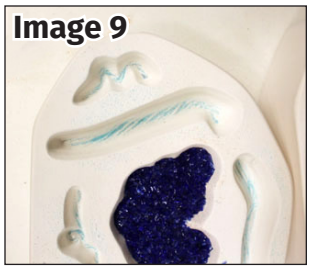


Image 9

Image 10

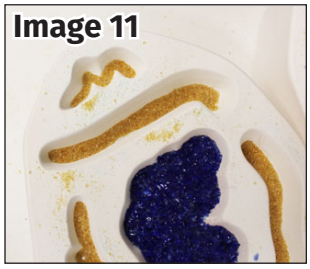


Image 11

Image 12

Image 13

For the Vines:

Lightly sprinkle F2 Deep Aqua into the creases and fine details at the bottom of the vines (**Images 9 & 10**). Back the Deep Aqua with a thin layer of F2 Medium Amber (**Image 11**) followed by F3 Terra Cotta until full (**Image 12**). If using fill weights, this adds about 22 grams of frit to the mold, making the final fill weight for the whole mold 72 grams.

To Fire:

Transfer the filled mold to a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred Full Fuse schedule.

Once the glass has fused and cooled, gently invert the mold onto a soft surface to release the castings (**Image 13**). If necessary, remove any residual glass separator by rinsing the glass under running water and using a stiff (but not wire) brush.

To Add to Other Projects:

To add the grapes and vines to other projects such as the plate in **Example 1** shown on **Page 1** (which features additional castings made with LF116 Grape Leaves), arrange the pieces as desired onto a pre-fused glass blank. Place the project onto a suitably sized sheet of Kiln Shelf Paper on a level shelf in the kiln and Tack Fire the pieces onto the pre-fused blank using the suggested schedule in **Table 2** or your own preferred Tack Firing schedule.

The project can then be slumped into a suitable mold if desired using the suggested schedule in **Table 3** or your own preferred Slumping schedule.

Table 1: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	275	1000	10
2	275	1225	30
3	275	1300	10
4	275	1465	05
5	9999	950**	90
6	100	800	01

**If using COE90, adjust this to 900°F

Table 2: Tack Fire*

Seg.	Rate	Temp (°F)	Hold
1	275	1000	10
2	275	1225	30
3	275	1300	10
4	275	1400	05
5	9999	950**	90
6	100	800	01

**If using COE90, adjust this to 900°F

Table 3: Slump*

Seg.	Rate	Temp (°F)	Hold
1	275	1000	10
2	275	1225	30
3	9999	950**	90
4	100	800	01

**If using COE90, adjust this to 900°F

*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on how to do that, please click here to see our Important Firing Notes!

For more information, tutorials, and molds, visit our website:
www.creativeparadiseglass.com

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