

Sweet Tulip Bowl

Materials:

- [DT35 Round Tulip Texture](#)
- [GMI25 Patty Gray Large Round Slump](#)
- COE96 Glass (See Below)
- Suitable Glass Separator (ZYP Recommended)
- Frit Placement Tools
- Glass Cutting Supplies
- 1" (2.54 cm) Kiln Posts

Suggested Glass:

- F1 Powder Frits:
 - Teal Green Trans.
 - Grenadine Trans. *
- F2 Fine Frits:
 - Light Green Trans.
 - Yellow Trans.
- F2 Frits (con't):
 - Orange Trans.
 - Light Cherry Red
 - Transparent *
- Sheet Glass:
 - Double Thick Clear

* As Grenadine and Light Cherry Red can be tricky to find, Rust can work as a substitute for Grenadine, and a thinner layer of Cherry Red backed with F2 Clear for Light Cherry Red.

Example 1:



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Image 1:



Begin by treating the molds well with suitable glass separator. We recommend spray-on ZYP. **Always wear a mask when applying spray-on separator and when using powder frits.**

Once the separator has dried, begin by adding F1 Teal Green into the veins of the tulip leaves. Use a clean finger to gently press the powder into the veins, though take care not to remove or disturb any separator as you do (**Image 1**).

Fill the remainder of the leaves with F2 Light Green (**Image 2**). Fill until the frit is level with the top of the raised texture lines of the mold.

Sprinkle F1 Grenadine into the small lines at the base of each tulip petal. Use a clean finger to gently press it into the texture lines as before (**Image 3**).

Fill the top portion of each tulip petal with F2 Yellow, (**Image 4**). Follow the lines and contours of the raised walls on the texture, and trail off as you reach the middle of each petal.

Image 3:



Image 4:



Image 2:



Add F2 Orange below the Yellow in the middle of each petal and blend it upwards into the Yellow (**Image 5**). Fill the remaining space at the bottom of each petal with F2 Light Cherry Red (**Image 6**). Blend it upwards into the Orange.

Place the frit-filled mold onto 1" (2.54 cm) kiln posts on a level shelf in the kiln so that the majority of each post remains outside the mold (**Image 7**). Cut and clean a 10" (25.4 cm) circle of Double Thick Clear and center it atop the mold over the frit (**Image 7**). Make sure there is at least a 1/4" (0.64 cm) gap between the edge of the glass and the edge of the mold to avoid eruptions.



Image 5:



Image 8:

Fire the project using the suggested schedule in **Table 1** or your own preferred full fuse. Once the glass has fused and cooled, remove it from the kiln and gently rinse it to remove any residual separator if necessary (**Image 8**).

Once clean, center the glass **texture side down** onto the primed GMI25. Transfer the project to a level shelf in the kiln and fire using the suggested schedule in **Table 2** or your own favorite gentle slumping schedule.



Image 6:

Table 1: Full Fuse *			
Seg.	Rate	Temp (°C)	Hold
1	153	657	45
2	28	677	30
3	153	721	10
4	194	793	05
5	Full	510**	90
**If using COE90, adjust to 482°C			

Table 2: Slump *			
Seg.	Rate	Temp (°C)	Hold
1	153	657	45
2	28	677	10
3	Full	510**	90
**If using COE90, adjust to 482°C			

* Before firing, it's important to know your kiln to see if you need to adjust suggested schedules for your use. For more on that, [please click here for Important Firing Notes!](#)



Image 7:



Example 2:



Example 3:

Other Project Ideas:

The techniques in this tutorial will work with any arrangement of fusible compatible glasses for all kinds and colors of tulips and bowls. Create a frit-free piece by fusing two layers of standard thickness glass of any color together for a simple yet elegant embossed bowl like **Example 2**.

Try different colors of frit along with a single sheet of opaque glass for a different, poppier look. **Example 3** was slumped texture side up in the [GM66 Shallow Bowl](#) for a bowl with a flat bottom and rim.

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