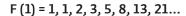
# Quick Tip: Fibonacci Fade Plate



## Combine mathematics and metallics to create this handsome design!

### What is the Fibonacci Sequence?

The Fibonacci sequence is a numbering system found in nature, from flower petals and pinecones to seashells. It's pleasing to the eye (even if you're not aware of it) and a versatile design tool. It starts with a one (or a zero), followed by a one. Each subsequent number is equal to the sum of the preceding two numbers:



For this project, we've translated the beginning of this Fibonacci sequence into centimeters and arranged them to transition from one color to another.



Above: Sequence example.

#### Directions

- 1. Cut a 12 cm wide strip of Medium Amber, Gold Irid that will yield all of the strips, (which total 20 cm). Then score & break out strips in the following dimensions.
  - 1 cm × 12 cm (2×)
  - 2 cm × 12 cm
  - 3 cm × 12 cm
  - 5 cm × 12 cm
  - 8 cm × 12 cm
- 2. Repeat with Light Silver Gray, Silver Irid.
- 3. Arrange the strips to transition from one color into the next. See sequence example, above right.
- 4. Measure and cut 3 mm Clear to fit, approximately 12 cm × 40 cm.
- **5.** Clean and load the strips with the iridescent coating face down on a primed kiln shelf. Cap with Clear and fire to a full fuse.

- **6.** Coldwork the perimeter prior to slumping for crisp and clean edges.
- 7. Slump with the irid layer facing up. (Note: This plate only uses a portion of the mold.)

#### Firing Schedules

- Tip Sheet 7: Platemaking Tips (basic fuse firing)
- Mold Tips: Suggested Slumping Schedules

#### **Materials**

- · Medium Amber, Gold Irid (001137-0038)
- · Light Silver Gray, Silver Irid (001429-0037)
- Tekta Clear (001100-0380)
- Medium Channel Plate Mold (008944)

bullseyeglass.com #8587