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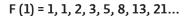
Quick Tip: Fibonacci Fade Plate



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.



Sequence example

Directions

- **1.** Cut a 12cm wide strip of Medium Amber, Gold Irid that will yield all of the strips, (which total 20cm). Then score & break out strips in the following dimensions.
 - 1cm × 12cm (2x)
 - 2cm × 12cm
 - 3cm × 12cm
 - 5cm × 12cm
 - 8cm × 12cm
- 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 3mm Clear to fit, approximately 12cm × 40cm.
- **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.
- Slump with the irid layer facing up. (Note: This plate only uses a portion of the mold.)

For firing schedules, see:

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

MATERIALS

- 3mm Medium Amber, Gold Irid (001137-0038)
- 3mm Light Silver Gray, Silver Irid (001429-0037)
- 3mm Tekta Clear (001100-0380)
- · 17", Medium Channel Plate Mold (8944)

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