

Wissmach Luminescent Glass Tips & Techniques

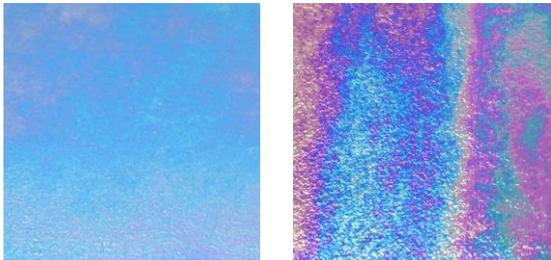
Luminescent coating is unlike anything else - offering up options for intense color, subtle shimmer or the ability to make it disappear entirely!

The coating on Luminescent glass is similar to iridized coatings, however it reacts completely differently when fired. It's ideal for reverse fusing projects, where the front of your piece is face down on the kiln shelf and you build backwards. This allows you to create in a whole new way, and your art will look its best from both sides!

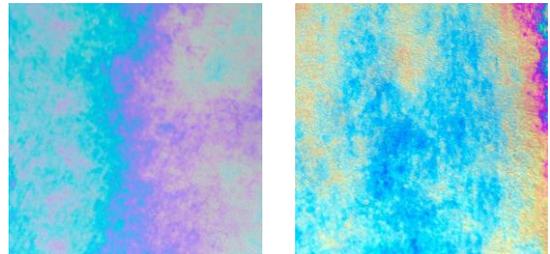
Luminescent coating is applied to transparent and opaque glass, ideal for creating layered art. Standard 3mm thick glass offers affordable luxury for your fusing projects. Glass color matures to upon firing.

Get different effects depending on how you use it:

- Fire coated side down on a kiln wash dusted fiber shelf to intensify the coating.
- Fire coated side down on a kiln washed shelf or shelf paper to keep a brilliant luster.
- Fire coated side up, and the coating will stay vibrant on dark colors or fade to a beautiful delicate sheen on light colors.
- Cover the coated side with a piece of clear and the coating will fade away completely.



Light blue luminescent and bright blue luminescent
fired on shelf washed fiber board



Light blue luminescent and bright blue
luminescent fired on shelf paper



Luminescent base with overlaid
painted tile on ivory base with
grasses created with a silver pilot
pen fired face down to 1410°F.
Created by artist Marlene Vitek
from Delphi's Online Artist
Gallery.

Delphi Tip: Fire glass luminescent side down to ensure the coating will remain intact for additional firings. In subsequent firings use the lowest temperature required to achieve desired results. Delphi Expert Jeannette Woodard suggests a maximum temperature of 1400°F.

Firing schedules courtesy of Petra Kaiser and Wissmach Glass.

Standard fusing schedule – 2 layers thick

Segment 1: 600°F/hr up to 1000°F hold for 10 minutes
Segment 2: Full/9999 up to 1410°F hold for 10 minutes
Segment 3: Full/9999 down to 950°F hold for 60 minutes
Segment 4: 100°F down to 700°F hold for 1 minute

Tack fuse, fire polishing and/or slumping into a mold

Segment 1: 300°F/hr up to 1000°F hold for 10 minutes
Segment 2: Full/9999 up to 1300°F or 1350°F (depending on your desired results) hold for 10 minutes
Segment 3: Full/9999 down to 950°F hold for 60 minutes
Segment 4: 100°F down to 700°F hold for 1 minute

Draping over a mold and/or fire polishing

Segment 1: 300°F/hr up to 1000°F hold for 10 minutes
Segment 2: Full/9999 up to 1200°F or 1220°F (depending on your desired results) hold for 10 minutes
Segment 3: Full/9999 down to 950°F hold for 60 minutes
Segment 4: 100°F down to 700°F hold for 1 minute

Note: not all kilns are alike. Your kiln size, controller type, and individual project may require some alteration to the schedule for best results.

Delphi Tip: Keep a firing log to make it easy to replicate your favorite projects.



Two layers fired face down on shelf paper to 1400° then fused onto a texture mold and finally slumped into a dish. By artist Jeanette Woodard.