

SYSTEM 82 FLOAT/WINDOW GLASS FIRING SCHEDULES

If you have any questions, please don't hesitate to call me! Happy Fusing! - Lisa

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FULL FUSE MOSAIC SHEET- 1 LAYER + On Glassy Cuts Shapes

600- 1510- 10
Full- 1050 - 10 *
Full- 850 - 10 *
** 100- 100 - off

hold longer for thicker projects
** anneal & come down slower for thicker projects

SLUMP MOSAIC PIECES

300 - 1300 - 10
Full- 1050 - 30 *a
Full- 850- 20 *b & c
100- 100- off

*a- 30 minutes or longer depending on the size & thickness as well as the mold you're using. Mosaic pieces that are stacked 3 or more in height should be slumped very slowly or your project will split.

*b- Slower than the full 9999 depending on the size & thickness. We will slow this down as low as 50 degrees per hour

*c- Hold here longer also if it's a thicker piece or on a metal mold

FIRE POLISH:

Slow- 1300- 5
Ramp down slowly

*Remember- any texture or embossing will flatten out at 1300. A trade trick is to grind your piece & add a swab of Liquid Luster from Olympic Glass in Seattle.

STEAM CAST-A-LOT CASTS:

Do not steam plaster of paris molds. Both types of molds will need kiln-wash prior to casting glass!
9999 - 190 - 3 hrs
250 - 1500 - off

*Will throw a good amount of steam so your kiln should have stainless steel parts/ hangers or it will rust!

FULL FUSE

1.*600 - 1510- 10
2.Full - 1050 - 10*
3.Full*a - 850 - 10*b
4.100 - 100 - OFF

NOTE: Kilns ramp & hold their heat differently. Practice with your kiln!
Some may require you to come up or down in temp at a different rate.

*If you have a thick or multi-layer project, you will want to slow this down from 600 to 300, then up to 1500.

*If you have a large, thick, or multi-layer project you will want to hold your project longer. I hold my trays for 45 minutes to 1 hour.

a* Again, depending upon thickness or layering, you will want to slow the process down from a full drop in temperature to anywhere from 50-85 degrees per hour to 850.

b* Again, hold longer for more complicated, thicker projects.

BUBBLE SQUEEZE

Ramp up at a normal rate for project to 1300 - Hold for at least 15 minutes (longer if needed) Then Ramp normally up to fusing temp.

TEMPERED GLASS

IN A MOLD

1.500 - (1425 to 1450) - 10
2.Full - 1050 - 10*
3.200 - 100 - off

OUT OF MOLD

Use regular tack or full fuse, depending on the final desired look.

TACK FUSE

1.*600 - 1425 - 11
2.Full - 1050 - 10*
3.*Full - 850 - 10

*Same info as full fuse for ramping up or annealing down. Temps change with the size, thickness, layers of your project. Multi-layers include mosaic too.

SLUMP/DRAPE TEMPS

1.*300 - 1300 - 10
2.*Full - 1050 - 10
3.*Full - 850 - 10
4.100 - 100 - OFF

*Again, be careful with ramping your temp too high in the start or dropping your temps too fast. If you are slumping on or over metal - slow it way down to avoid thermal shock from metal retaining its heat longer than glass

FUSING&SLUMPING BOTTLES:

SMALL BOTTLES:

300 - 1100 - 5
300 - 1300 - 10
500 - 1425 - 5
9999 - 1000 - 30
100 - 200 - off

LARGE BOTTLES:

300 - 1100 - 30
300 - 1300 - 60
500 - 1425 - 5
9999 - 1000 - 60
50 - 800 - 60
100 - 200 - off

Large bottles should have temps that are held out longer to avoid thermal shock. This is due to the base laying down & creating a thick area compared to the rest of the bottle.



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