



Colors for Earth Basic Firing Schedules

Enamel Full Fuse (90 and 96)

Basic firing schedule for a piece 12” or less. Top temp and anneal will depend on what type of glass you are working on.

Each kiln is different also so you may need to adjust the top temp.

The size of your piece will also change your schedule.

Segment	Ramp Rate	Temp	Hold
1	400	1000	15
2	100	1250	30
3	500	1440-1480	10
4	9999	950/900	60
5	100	700	1

Fire Set Color Concentrates

When stamping on glass and you want to set the color before decorating you need to fire to a minimum of 1235 degrees. This can be put in with a slump firing also.

It isn't necessary to set fire the CC's but this will ensure that you won't move the color while decorating or doing reverse painting.

Segment	Ramp Rate	Temp	Hold
1	150	300	15
2	275	1100	30
3	150	1235	35
4	400	950/900	60
5	100	700	1

Fusing Painted Thinfire Paper

This is a full fuse schedule for firing painted thinfire paper with Color Concentrates or any CFE product between glass. You have to time for the binders to burn off the paper and product so that you don't end up with a black bubble in the middle of your glass. You also need to sift over the thinfire with clear powdered frit and place small bits of clear stringer in the corners. See stamping on thinfire Quick Reference Guide.

Segment	Ramp Rate	Temp	Hold
1	250	800	45
2	250	900	60
3	75	1255	90
4	350	1440-1480	15
5	9999	950/900	60
6	350	600	1

Remember that all kilns are different and these are only suggested schedules. You should run test in your own kiln.



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Single 3mm Layer (90 and 96)

If you are wanting to set enamel color on a single piece of glass to create a part sheet or to use in Vitrigraph pulls.

Segment	Ramp Rate	Temp	Hold
1	9999	1380-1410	20
2	9999	950/900	60
3	100	700	1
4			
5			

Setting the Enamel Color

Minimum temp to set the enamels is 1380 degrees. Every kiln is different and you can experiment with going lower and holding longer at that temp.

Segment	Ramp Rate	Temp	Hold
1	350-400	1380	10
2	9999	950/900	60
3	100	700	1
4			
5			

Float Glass—Single Layer

Float glass fires at a much higher temp. You can set the enamels at the same schedule as above but you can go much higher.

The hotter you go the more rounded the edges will be.

Segment	Ramp Rate	Temp	Hold
1	450	1465-1550	20
2	9999	1000	45
3	250	850	10
4	250	600	1

Smoothing out 90 COE Glass

This schedule will allow 90 COE glass to smooth out so that it is easier to paint on with the enamels.

Because of the texture on the glass it can make it difficult to paint on and even cause the color to take on the texture of the glass.

Segment	Ramp Rate	Temp	Hold
1	400	1350-1380	10
2	9999	900	45
3	100	700	1
4			

Remember that all kilns are different and these are only suggested schedules. You should run test in your own kiln.