



Glass Campus

Cone Temperature Conversion

Glass fusing started with stained glass artists using pottery kilns to experiment with fusing scraps of glass. Pottery kilns used cones to turn the kiln off at a temperature determined by the cone used. The temperature inaccuracy of cones made it near impossible to get accurately predictable results using cones. That's why we no longer use them and have electronic controllers on glass kilns but some potters still use cones or cone settings to fire their kilns.

<u>CONE</u>	<u>TEMP F</u>	<u>APPLICATION</u>
10	2345 - 2381	White Stoneware Glaze
9	2300 - 2336	
8	2280 - 2320	
7	2262 - 2295	
6	2232 - 2269	Porcelain Bisque
5	2167 - 2205	
4	2124 - 2161	Porcelain Glaze
3	2106 - 2138	
2	2088 - 2127	
1	2079 - 2109	
01	2046 - 2080	Yellow
02	2016 - 2052	
03	1987 - 2019	
04	1945 - 1971	
05	1888 - 1911	
06	1828 - 1855	Bisque, Low Glaze
07	1789 - 1809	Orange Red Family Glazes
08	1728 - 1753	
09	1688 - 1706	Glass Full Melt
010	1657 - 1679	
011	1607 - 1641	
012	1582 - 1620	
013	1539 - 1582	Red
014	1485 - 1540	
015	1456 - 1504	Glass Full Fuse
016	1422 - 1465	
017	1360 - 1405	Glass Sagging
018	1319 - 1353	China Paints
019	1252 - 1283	Metallics, Lusters
020	1159 - 1180	Dull Red Decals
021	1112 - 1143	Glass Paint
022	1087 - 1094	