

FIRING TEMPERATURES

& Cone Equivalents

SEATTLE POTTERY SUPPLY

NOTE: The cone range listed on the clay package is the range at which your clay vitrifies.

Cone	F Degrees	C	Cone
10	2381 kiln color	1305	10
9	2336 white	1280	9
8	2305	1263	8
7	2264	1240	7
6	2232 yellow-white	1222	6
5	2186 yellow	1196	5
4	2157 yellow	1186	4
3	2134 yellow-orange	1168	3
2	2124	1162	2
1	2109	1154	1
01	2079	1137	01
02	2048	1120	02
03	2014	1101	03
04	1940 orange	1080	04
05	1915	1046	05
06	1830	999	06
07	1803	984	07
08	1751	955	08
09	1693	923	09
010	1641 red-orange	894	010
011	1641	894	011
012	1623 cherry red	884	012
013	1566	852	013
014	1540	838	014
015	1479 dull red	804	015
016	1458	792	016
017	1377	747	017
018	1323 dark red	717	018
019	1261	683	019
020	1175	635	020
021	1137	614	021
022	1112 dull red glow	600	022

Cone 10
High fire clays vitrify and high fire glazes flux and mature

Mid-range glazes mature: **cone 4-6**

! Wear protective eyewear above 2000° F (1093° C)

Low fire commercial glazes mature (read the label!): **cone 06-04**

It is VERY important that you differentiate between cone 06-04 (low fire) and cone 4-6 (mid-range).

Overglaze enamels and lusters (metallics and iridescents): **cone 018**

All cones vitrify with time and temperature.

All temperature equivalents on this chart are based on a 270° F (150° C) per-hour rate climb using the large cone. Rates of climb change per firing as do temperature equivalents.

Low fire clays will start to melt from this point and higher, damaging kiln shelves and other pots

Bisque fire for all clays (low-fire, mid-range, and high-fire clays and porcelains): **cone 04**

Bisque fire for burnished pieces: **cone 04 or lower**

Note that the word "cone" is often replaced with this symbol Δ.

