

Glass Kiln Firing Chart

The following chart provides highlights of what temperatures are required to achieve certain processes when fusing glass.

<u>Process</u>	<u>Definition</u>	<u>Fahrenheit</u>	<u>Centigrade</u>
Full Fusing	The merging of two or more pieces of glass by heating them until they flow together and become one.	1450 to 1550	788 to 843
Tack Fusing	Fusing two or more pieces until the glass just barely sticks together yet each maintains its three-dimensional qualities.	1350 to 1450	732 to 788
Slumping	Shaping glass by bending it <u>into</u> a mold.	1200 to 1300	649 to 704
Draping	Shaping the glass by bending it <u>over</u> a mold.		
Combing	Working the glass by using a raking tool which is pulled across the surface of molten glass.	1650 to 1750	899 to 954
Fire Polishing	Heating the glass just enough to heal the abrasion caused by re-tooling or reshaping the glass (i.e., when using a grinder or saw) in order to restore the glass's shiny appearance.	1300 to 1400	704 to 760
Kiln Casting	Fusing small pieces of glass (called "frit") in a mold.	1500 to 1600	816 to 871
Pate de Verre	Fusing a paste made with powdered pieces of glass in a mold.	1300 to 1500	704 to 816
Glass Casting	Allowing molten glass to solidify in a mold.	1500 to 1700	816 to 926