

Recommended Firing Schedules

Pre-loaded on CERA-10 & ST315 Controllers

			Segment one			Segment 2			Segment 3			
Number	Name	Program Description	Ramp Rate °C per hr	Soak Temp °C	Soak Time Hrs: Min	Ramp Rate °C per hr	Soak Temp °C	Soak Time Hrs: Min	Ramp Rate °C per hr	Soak Temp °C	Soak Time Hrs: Min	Ramp Rate °C per hr
1	First Firing	Run this program as the first firing in your new kiln. This will coat your elements in aluminium oxide which acts as a protective layer between the elements and fumes & vapours released from clays and glazes. Leave bungs in until 1000c, then take bungs out for the rest of firing.	50°C	100°C	00:45	150°C	1100°C	02:00	END			
2	Slow Bisque	For thick work which may be uneven in thickness – usually used when work will be then fired to stoneware temperatures. (If firing to earthenware temps for glaze, use High Fire bisque)	55°C	100°C	00:30	60°C	600°C	00:10	150°C	1000°C	00:10	END
3	Medium Bisque	For even thickness work / work which is completely dry.	80°C	200°C	00:00	100°C	600°C	00:10	150°C	1000°C	00:10	END
4	Earthenwear glaze or High Fire Bisque	First firing for work which is made with earthenware clay	60°C	100°C	00:15	110°C	930°C	00:00	60°C	1030°C	00:25	END
	Earthenwear glaze or Low Fire Bisque	Lower temperature, use this firing to bisque work which uses low fire glazes (1020 – 1080 glaze)										
5	Mid Fire	Mid-fire: Cone 6	80°C	80°C	00:05	110°C	1080°C	00:00	60°C	1180°C	00:25	END
6	Stoneware	Stoneware: Cone 9 - 10	80°C	80°C	00:05	110°C	1145°C	00:00	60°C	1245°C	00:25	END
7	Lustre / Decal (Earthenware / Bone China)	Use for Earthenware or Bone China - used after a bisque and glaze firing to apply metals or on-glaze decals to work. See manufacturer's advice for specific temperature on products.	80°C	80°C	00:00	100°C	700°C	00:15	END			
8	Lustre / Decal (Stoneware / Porcelain)	Use for Stoneware or Porcelain – used after a bisque and glaze firing to apply metals or on-glaze decals to work. See manufacturer's advice for specific temperature on products.	80°C	80°C	00.00	100°C	790°C	00:15	END			
9	Candling (Drying)	Candling program to run prior to bisque firing/to dry out wares	60°C	95°C	04:00	END						
10	Empty	Left free to create your own program										

These are recommendations only

Updated: June 2025