

## Zirlux Anterior Multi Zirconia *Sintering Guidelines*



Sintering is a critical step to achieving best esthetics and physical properties of the zirconia. Follow the steps below to ensure Zirlux Anterior Multi restorations are processed correctly and that you are providing the patient with the best possible restoration.

**It is essential to follow these steps and the instructions for the specific sintering furnace you are using:**

1. Dry the crown completely before sintering.
2. Position the restoration on the sintering crucible leaving space between each unit.
3. Program your furnace according to its instructions for use according to the specific sinter program shown on the following page.
4. Run the sintering cycle.
5. Wait until cool-down is completed before removing the sintered restoration.
6. Inspect the restoration for flaws such as chips, seating, occlusion, interproximal contacts, and marginal integrity.
7. If necessary, make small adjustments with a water-cooled diamond milling bur using a high-speed handpiece polishing tool for Zirconia, pay attention while polishing to avoid subfissure and edge break.
8. Once all grinding is complete, rinse the restoration with water and dry it completely. Framework is now ready for veneering.
9. Full contour crown is ready for glazing. Follow the instructions for use of the stain and glaze system of choice for application and firing parameters.

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### 4 Step Sintering for Zirlux Anterior Multi

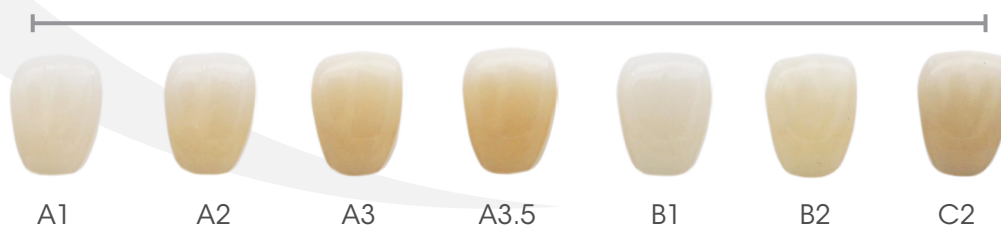
Program Steps	Starting Temperature (°C/Min)	Finishing Temperature (°C/Min)	Retention Time Min.	Heating Rate (°C/Min)
1	Room Temperature	1150	225	5
2	1150	1450	150	2
3	1450	1450	120	0
4	1450	100	Furnace Cooling	

### 7 Step Sintering for Zirlux Anterior Multi

Program Steps	Starting Temperature (°C/Min)	Finishing Temperature (°C/Min)	Time Min.	Heating Rate (°C/Min)
1	Room Temperature	1150	140.63	8
2	1150	1150	30	0
3	1150	1300	75	2
4	1300	1450	37.5	4
5	1450	1450	120	0
6	1450	800	81.25	-8
7	800	100	Furnace Cooling	

Always refer to the manufacturer's instructions for proper use and placement of the material in the furnace.

Available in 98.5mm shaded discs.



Natural transition of layers mimic Incisal, Dentin, and Gingiva.