

CrystalSapphire

Crystallization Instructions

Starting Temp	Drying Time	Heating Rate	Highest Temp	Holding Time	Final Temp
450°C	4 min	40°C/min	840°C	Crown & Bridge: 6 min Veneer: 2 min	300°C

- Crystallization and glazing of glass ceramics are achievable through two methods:
 - Method 1:** Simultaneous completion of crystallization and glazing
 - Method 2:** Crystallization followed by glazing
- The maximum temperature holding time for **veneers and inlays is 2 minutes**, while that for **single crown and bridge is 6 minutes**.
- Avoid exposing the restorations to direct air conditioning or fans, as **rapid cooling may cause fractures or cracks**.
- Allow the restorations to cool naturally before removing them and avoid using quench cooling tools, such as metal, to contact high-temperature restorations.
- During the crystallization process, pack the **Sapphire Fix paste** into the restoration crown to prevent restoration deformation.