

Zirconia Heat Treatment Cycle

Recommendation

Adjustments

If adjustments are required after receiving a Zirconia product Stoneglass recommends using water cooled turbines with soft diamonds.

When adjustments have been finalised Stoneglass recommends a heat treatment cycle that will relieve any built up stress that has occurred during the adjustment phase.

Firing Cycle

1. Place in a furnace
2. Rate rise per minute to be 30°C
3. Final temperature to be 1015°
4. Holding time 10 minutes
5. Cooling rate 10° a minute

Vacuum is not necessary during the heat treatment cycle.

Tool recommendations

1. Water cooled Turbine with fine diamonds
2. Schottlander Medium Wheel
3. Perladia Medium Rubber