



Instructions for Use

MiYO® High Performance Glaze is a ready-to-use glazing material that should be applied in a thin layer to help preserve fine surface details of the restoration. MiYO High Performance Glaze is self-leveling and does not puddle, pool, or run after application.

Intended Use

A Type 1, class 1b ceramic for the glazing of the following restoration types: Zirconia, Lithium Disilicate, and Metal Ceramic (including porcelain-fused-to-titanium).

Preparation

Before applying the material, the surface must be clean and free of surface contamination.

Before Use

- Remove and discard the foam safety seal.
- Stir glaze thoroughly with a non-metallic instrument to ensure a uniform, homogenous mixture.
- Dispense what is needed on a clean tray or palette.
- Do not bring glaze in contact with water.
- Mix the glaze paste thoroughly before use every day to maintain consistency and proper handling properties throughout the life of the jar.

Glaze Material Application

- Apply glaze in a thin layer on the restoration, using a clean brush.
- If thinning is required, only use the InSync glaze liquid.

Storage and Disposal

Store in a dry place. Small quantities can be deposited in household waste.



Firing Parameters

Firing parameters provided represent standard values and may need to be adjusted.

Final results should be the determining factor in furnace adjustments. If higher sheen is desired, increase high temperature.

	ZIRCONIA & CRYSTALLIZED LITHIUM DISILICATE SMALL CASE/MASS SINGLE UNITS TO 3 UNIT BRIDGES	ZIRCONIA MEDIUM CASE/MASS 4-8 UNIT BRIDGES	ZIRCONIA LARGE CASE/MASS FULL ARCH/ALL-ON-4	PRESSED LITHIUM DISILICATE SMALL CASE/MASS SINGLE UNITS TO 3 UNIT BRIDGES
Dry Time (Min)	5	6-8	8-10	5
Entry Time (Min)	6	6-8	8-10	5
Low Temp (°C)	450°C	450°C	430°C	550°C
Heat Soak Temp (°C)	550°C	550°C	550°C	550°C
Heat Soak Time (Min)	2	2	3	2
Vacuum Start (°C)	555°C	555°C	555°C	555°C
Heat Rate (°C/Min)	45°C	40°C	35°C	45°C
High Temp (°C)	745°	745°	735°	770°
Vacuum Stop (°C)	745°	745°	735°	770°
Hold Time in Air (Min)	1	1	1	2
Cool Time (Min)	~5	~12	~20	~5

 Inhalation of ceramic dust can be hazardous to your health

CTE (25-500 °C, 1x): (7.3 +/- 0.5) x 10⁻⁶ K⁻¹



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