

InSync Universal Paste Stain & Glaze Quick Start

Intended Use:

A Type 1 ceramic for the staining and glazing of the following restoration types: Zirconia, Titanium, Lithium Disilicate and Metal Ceramic.

Pre-glaze Preparation:

Lightly air-abrade using aluminum oxide. Steam clean or place in ultrasonic prior to glazing.

Before Use:

- ❑ **IMPORTANT:** Do not pour out excess liquid in glaze jar.
- ❑ MIX THE STAIN AND GLAZE PASTE THOROUGHLY BEFORE USE EVERY DAY to maintain consistency and proper handling properties throughout the life of the jar.
- ❑ DO NOT bring glaze into contact with water! Glaze material that has been contaminated by water will appear cloudy white after firing. Be sure to always use a clean, dry brush.

Storage:

Store under dry conditions, +12°C to +38°C

Firing Parameters - Stain & Glaze:

Fired to:	Entry Time (min)	Low Temp °C	Vac Start °C	Heat Rate °C/min	High Temp °C	Hold Time (min)
Full Contour Zirconia	6	450	620	45	760	1 (air)
InSync Layering	6	450	620	45	730	1 (air)
Press to Zirconia	6	450	600	45	760	1 (air)
Lithium Disilicate	6	450	600	45	730	1 (air)
Metal Ceramic	6	450	600	45	730	1 (air)

CTE (25-500°C) [$*10^{-6}K^{-1}$] ± 0.5 : Stain 7.5 (2x) | Glaze 7.3 (1x)

For long-span ZrO₂ bridges, an increase in the firing temperature of 10°C to 20°C is recommended.

Quickstart: <http://bit.ly/InSyncQuickStart>



Pre-Glaze Preparation: Important pre-glaze preparation
 One-Step Stain & Glaze: Stain & glaze in one firing
 Two-Step Stain & Glaze: Stain & glaze in two separate firings