



CrystalCeram® Fluorescent Glaze Paste

Instructions for Use

Manufactured by:

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1. Product Description

CrystalCeram® paste is intended to use for glazing all types of dental ceramic restorations.

2. Indications for use

The materials are intended to be used especially for glazing zirconia and lithium silicate glass ceramics.

3. Contraindications

Do not use this material for purposes other than its intended use or in a manner different from the instructions stated in this procedure. Do not blend with any other non-recommended product.

4. Technical Data

Table 1	
Coefficient of Thermal Expansion	8.5+/-0.5 X 10 ⁻⁶ /°C
Transition temperature	505°C +/- 10°C

5. Glazing Procedure

Dispense the amount of paste intended to use. Wet the brush with Stain and Glaze Liquid and dry off excess with a paper towel. Add few drops to the paste if desired to improve consistency. Take the paste with the brush and apply uniformly over the restoration. If necessary, vibrate the restoration to improve the distribution of the glaze. Fire the restoration using the program provided in Table 2.

6. Firing Chart for Zirconia Crowns

Table 2	
Dry out	3-5 min
Insertion	300°C - 572°F
Heat rate	40°C/min - 72°F/min
Firing Temperature	790°C 1454°F
Hold time	1 min
vacuum	None*

*Vacuum is optional and can be used in case the material to be glazed requires it.

7. Firing Chart for Lithium Silicate Crowns

Table 2	
Dry out	3-5 min
Insertion	300°C - 572°F
Heat rate	40°C/min - 72°F/min
Firing Temperature	720°C 1328°F
Hold time	1 min
vacuum	None*

*Vacuum is optional and can be used in case the material to be glazed requires it.

Be sure that the furnace is properly calibrated. The above temperatures are recommended and can vary with individual furnaces. Adjust the temperature if necessary.

7. Storage

Store the containers in a cool, dry place and completely closed.

8. Warning

Do not get paste or liquid in contact with eyes or skin. Protective equipment such as gloves, goggles, mask and lab coats are recommended when using these materials.