

Instructions for Use

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1. Product Description

CGI Universal and Universal Fluorescent “Shake and Glaze” for airbrush application is intended to use for glazing dental restorations.

2. Indications for use

The materials are intended to be used for glazing zirconia, lithium disilicate and lithium silicate glass as well PFM and POM restorations.

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	10.0+/-0.5 X 10 ⁻⁶ /°C
Transition temperature	530°C +/- 20°C

5. Glaze procedure

5.1 “Shake and Glaze” pre-mixed Bottle

We recommend the use of the Paasche Model H air brush for CGI “Shake and Glaze”. When using the Series H system please select the appropriate empty container in the kit with the angled nozzle. Shake the “Shake and Glaze” bottle vigorously until you hear the small balls in the bottle rattle (About 20 seconds). Take the bottle of the “Shake and Glaze” and attach it to the lid with the angled attachment and secure it to the “Shake and glaze” bottle. Place the bottle with the attachment into the sleeve of the Paasche gun and turn on the pump. Your system is now ready for use.

5.2 Application –

Holding the airbrush about 6 inches from the restoration, spray the “Shake and Glaze” in a sweeping motion with short burst of glaze. You should see immediate coverage because of the pink color of the powdered glaze. Keep the bottle of “Shake and Glaze” mixed throughout the day. When finished remove the top and clean the nozzle with water or Isopropyl Alcohol and allow to dry.

6. Firing chart

Table 2	
Dry out	1 min
Insertion	400°C - 752°F
Heat rate	40°C/min - 72°F/min
Firing Temperature	750°C-850°C 1382°F-1562°F
Hold time	1 min
vacuum	None*

*vacuum is optional and can be used if the material to be glazed requires it.

Note: For Pressable and PFM Ceramics the best firing is 750°C to 800°C. For Zirconia restorations best firing is 800°C to 850°C.

Please 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 dry place and completely closed.

8. Warning

Do not inhale powder. Do not get dust, 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.