Universal Fluorescent Glaze

Instructions for Use

Manufactured by:
Ceragroup Industries
5600 NW 12TH Ave #304
Fort Lauderdale, FL 33309
1-954-670-0208
info@ceragroup.net

www.cgiporcelain.com

1. Product Description

CGI Universal Fluorescent Glaze powder and paste are 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 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	10.0+/-0.5 X 10^{-6}/ºC
Transition temperature	530ºC +/- 20ºC

5. Glaze procedure

5.1 Powder

Use CGI Stain and Glaze Liquid only for mixing with the powder. Add a few drops of liquid in order to form a creamy paste consistency. Wet the brush with the Stain and Glaze Liquid and dry off excess with a paper towel. 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.

5.2 Paste

Dispense the amount of paste intended to use. Wet the brush with Stain and Glaze Liquid and dry off excess with a tower paper. 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

Table 2	
Dry out	3-5 min
Insertion	400ºC - 752ºF
Heat rate	40ºC/min - 72ºF/min
Firing Temperature	750ºC-850ºC 1382ºF-1562ºF
Hold time	1 min
vacuum	None*

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

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

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.