

Instructions for Use

Manufactured by:

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1. Product Description

CGI Universal Stain powder and paste are intended to use for customizing shade or characterizing dental restorations.

2. Indications for use

The materials are intended to be used for staining all 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 /°C |
| Transition temperature | 530°C +/- 20°C |

5. Stain 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 the desired consistency. Wet the brush with the Stain and Glaze Liquid and dry off excess with a paper towel. Take the stain with the brush and apply where desired on the restoration. Place the restoration at furnace entrance and dry sufficiently prior to glaze application or 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 stain with the brush and apply where desired on the restoration. Place the restoration at furnace entrance and dry sufficiently prior to glaze application or fire the restoration using the program provided in Table 2.

6. Firing chart

| Table 2 | |
|--------------------|------------------------------|
| Dry out | 3-5 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 it can be used in case 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.

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.