

LUTE GLASS

Glass Ionomer Luting Cement



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1. Product Description & Main Ingredients

D Tech Lute Glass is a water based dental luting cement.

Main Ingredients

Poly Carboxylic acid & Alumina Silicate Glass.

2. Indications

- 2.1 For Cementation of inlays, crown, & bridges.
- 2.2 Cementation of Orthodontic bands.
- 2.3 Base or Liner

3. Contraindications

- 3.1 Pulp capping
- 3.2 In rare cases where patients experience sensitivity or adverse reactions to Glass Ionomer cements.

4. Precautions (Please read carefully before use)

- 4.1 Personal protective equipment (PPE) such as gloves, face masks and safety eye wear should always be worn.
- 4.2 In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water.
- 4.3 In case of contact with eyes, flush immediately with water and seek medical attention.
- 4.4 In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.
- 4.5 If swallowed, dilute by giving water to drink and seek medical attention.
- 4.6 DO NOT mix powder or liquid with any other glass ionomer components.

5. Application Method

5.1 Dispensing Instruction

- 5.1.1 The standard powder to liquid ratio is 1.75 : 1:0g ; 1 scoop of powder to 3 drops of Liquid
- 5.1.2 For accurate dispensing of powder, lightly tap the bottle against the hand. Do not shake or invert.
- 5.1.3 Hold the liquid bottle vertically and squeeze gently.
- 5.1.4 Close bottles immediately after use.

5.2 Mixing

Dispense powder and liquid onto the pad. Using the plastic spatula, divide the powder into 2 equal parts. Mix the first portion with all of the liquid for 10 seconds. Incorporate the remaining portion and mix the whole thoroughly for 15-20 seconds (total time within 30 seconds);

5.3 Application of Lute Glass

- 5.3.1 Prepare tooth using standard techniques.
- 5.3.2 Clean with pumice & water only
- 5.3.3 Wash and dry but DO NOT DESICCATE. Do not REMOVE SMEAR LAYER. For pulp capping use a calcium hydroxide paste.
- 5.3.4 Clean & dry inside the casting.
- 5.3.5 Mix the required amount of cement. Working time is 2:00 minutes from the start of mixing at 23°C(73.4°F). Higher temperatures will shorten working time.
- 5.3.6 Coat internal surface of the restoration with 1mm of cement & start to set within 30 seconds of complete mix. (**DO NOT OVERFILL**)
- 5.3.7 Setting time is 4 min after start of mixing.

5.4 Technical Data

Mixing Time@ 23°C from start of mixing	30 Seconds
Working Time@ 23°C from start of mixing	2.00 min
Setting Time@ 23°C from start of mixing	4.00 min

6. Packaging & Variants

- Bottle of 15g Lute Glass powder
- Bottle of 13g Lute Glass liquid.
- Mixing pad
- Spoon

Shade: A2, A3

7. Storage & Handling

Store at temperature of 5-25°C (41.0 -77.0°F). (Shelf life: 2 years from date of manufacture)

REFERENCE NO: IFU/LG/06/0222

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Limitation of Liability

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For use only by a dental professional

EC REP

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Last Revised- 16 Feb 2022 Rev. 6