

RESTORE GLASS

Glass Ionomer Restorative Cement



EN   0123

1. Product Description and main Materials

D Tech Restore glass is a water based dental restorative material.

Main Ingredients

Poly Carboxylic acid & Alumina Silicate Glass

2. Indications

- 2.1 Restoration of Primary Teeth
- 2.2 Core Build up
- 2.3 Restorations of class III, V & limited Class I cavities

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 eyewear 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 **2.5:1** by weight ; 1 level scoop of powder to 2 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 thoroughly for 15-20 seconds (total time within 30 seconds)

5.3 Application of Restore Glass

- 5.3.1 Prepare tooth using standard techniques. Extensive mechanical retention is not necessary. For pulp capping use calcium hydroxide.
- 5.3.2 Wash and dry but DO NOT DESICCATE. D- Tech's dentine conditioner is recommended to remove the smear layer.
- 5.3.3 Mix the required amount of cement. Working time is 1 min 30 sec from the start of mixing at 23°C (73.4°F). Higher temperatures will shorten working time.
- 5.3.4 Remove surface moisture, but DO NOT DESICCATE.
- 5.3.5 Transfer cement to the preparation using a suitable placement instrument Avoid air bubbles.
- 5.3.6 Form the contour, and place a matrix if required during the first 2 minutes of setting.
- 5.3.7 Final setting time is 3 min after start of mixing. Once set, remove the matrix and immediately apply D Tech Iono Coat.

5.4 Technical Data

Mixing time @ 23°C from start of mixing	0:30 sec
Working time @ 23°C from start of mixing	1:30 min
Setting time @ 23°C from start of mixing	3:00 min

6. Packaging and Variants

- Bottle of 15 g Restore Glass powder
- Bottle of 13 g Restore Glass liquid
- Mixing Pad
- Spoon

Shade : A2, A3

7. Storage and handling

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

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For use only by a dental professional

EC REP

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