

RESTORE GLASS

Glass Ionomer Restorative Cement



www.dtechasia.com

CE 0123

1. Product Description & Main Ingredients

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 2.5:1g; 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 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 & Variants

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

Shade: A2, A3

7. Storage & Handling:

Store at temperature of 5-30°C (41.0 -86.0°F)
(Shelf life: 2 years from date of manufacture)

REFERENCE NO: IFU/RG/09/0725



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Storage



Keep Dry



Keep away
from Sunlight



Authorised
Representative



Manufacturer



Batch No



Expire



Non Sterile



Medical Device



Unique Device Identifier



Instruction for Use

Limitation of Liability

Except where prohibited by law, D Tech will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability

For use only by a dental professional