

Glass Ionomer Restorative Material In Capsules

# DSI Glass-FX Micro



**DSI DENTAL**  
SOLUTIONS

**DESCRIPTION:** DSI Glass-FX Micro capsule is a radiopaque Glass ionomer Cement for Restoration of primary teeth, core build-up and restoration of class III, V, and limited class I Cavities.

**COMPOSITION:** Powder: FluoroAlumina Silicate Glass. / Liquid: Polyacrylic Acid Liquid Normal Viscosity.

**INTENDED USE:** It is intended to be used as a permanent restorative material for permanent and primary teeth.

**INDICATIONS:** Restoration of primary teeth, core build-up, and restoration of class III, V, and Limited class I cavities.

## INSTRUCTIONS FOR USE:

1. Prepare teeth using standard techniques. Extensive mechanical retention is not necessary.
2. Wash and dry but do not desiccate. Glass-FX Dentin Conditioner is recommended to remove the smear layer.
3. Tap the capsule on a hard surface to loosen the powder.
4. To activate the capsule push the plunger onto a stable surface until it flushes with the body of the capsule.
5. Immediately place the activated capsule in a capsule mixer (2900-3000 oscillations/minute) and mix for 10 sec.
6. Immediately remove the mixed capsule from the mixer and attach the applicator nozzle (in a clockwise direction for snugly fit) before loading onto the Capsule Applier.
7. Click the trigger of the applier until glass ionomer paste is seen through the clear nozzle.
8. Extrude cement into the cavity, being careful not to trap air under the restoration. Higher temperatures will shorten working time.
9. Form the contour.
10. Working time is 1:30 min from the start of mixing at 23°C (73.4°F). Net Setting time is ~ 2:00 to 2:20 min.
11. The Dispensed material shall not be placed back in the container and the dose once applied and used shall not be reused.

**Warning:** Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take it internally. Contact with the skin may cause irritation and hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue the use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reactions to any of the components.

**PRECAUTIONS:** In case of contact with oral tissues or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water. In case of contact with eyes, flush immediately with water and seek medical advice.

**CONTRAINDICATIONS:** 1. Pulp Capping. 2. In rare cases, the product may cause sensitivity in some persons. If such reactions are experienced, discontinue the use of the product and refer to a physician.

**STORAGE:** Store at temperature between 10°C to 24°C. Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

**Shelf life:** 3 years from the date of manufacturing.

**PACKAGING:** 10 x Single Shade Capsules. Shades – A1, A2, A3.

**Ref: GFX-MICAPS**



Keep dry



Manufacturer



Keep away from sunlight



Consult instruction for use



Use by



Temperature limit



Date of Manufacture



Batch code



Catalogue number



Caution, consult accompanying document

Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material. The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.

Visit [www.dsisrael.com](http://www.dsisrael.com) or email to [info@dsisrael.net](mailto:info@dsisrael.net) for more information

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