

Instruction for use of Dentomer-S Type II

Powder and Liquid System

Glass- Ionomer Restorative

Company: **SFC, LLC**

172 North Plains Industrial Road, Wallingford CT 06492, USA

Ph: 203.907.9554

info@sfcdental.com

For use ONLY by a dental professional in the recommended indications

Indications:

1. Cavity filling and core build-up
2. Liner under composite, amalgam or porcelain restorations
3. Restorations for class III, V and I cavities

Contraindications:

1. Do not use with patients who are allergic to Glass-Ionomer restorative products
2. Pulp capping
3. Cementation

Usage Properties:

Powder/Liquid Ratio	1.5g/1.0g
Mixing Time	30 sec
Working Time	2 min 30 sec
Setting Time	7 min

Instructions for Use:

I. Cavity Preparation

- a) Prepare the cavity with standard procedure, and clean with water and dry.
- b) Optionally, apply a dentine conditioner according to the manufacturer's instruction.

II. Dispensing and Mixing

- a) Place 1 leveled scoop of powder on mixing pad. Slightly spread the powder to break the dome shape created from the scoop.
- b) Hold the liquid bottle vertically with the tip about 2-3cm above the mixing pad. Gently squeeze the bottle to dispense 2 drops of liquid on the powder. In case of any bubble in the drop, tap the drop against the mixing pad to break the bubble.
- c) Add about half of the powder to the entire liquid and mix with a spatula for 5-10 seconds. Add the rest of the powder and mix thoroughly for 20-25 seconds. If thinner consistency is required, adjust the amount of liquid accordingly.

III. Filling

- a) Remove moisture from the cavity surfaces with gentle flow of oil free air or a cotton pellet.
- b) Place the mixed cement with a small spatula or a syringe into the cavity.
- c) Begin finishing and polishing under water spray after 7 minutes from the start of mix. A final coating of varnish is recommended. Advise patient to avoid chewing hard food for 1-2 hours with the restored teeth.

IV. Storage

- a) Store in a cool and dry condition 10-26°C (50-79°F)
- b) Shelf life: 3 yrs from the date of manufacture